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Rare New Rose "HUGONIS." See description and price, page 4

Copyright 1919, by The Conard & Jones Co.

KEEP THE FLOWERS GROWING

Oh, keep the flowers growing in our gardens,
In No Man's Land there is no living green!
Near all that grime, 'mid all the hate that hardens,
In memory only, blossoms may be seen.

In dreams of home he sees our garden flowers
And risks his life that peace may have its bloom;
Can we do less than make our cottage bowers
Rare visions that will help dispel his gloom?

Write him that roses climbing 'round the doorways
Perfume the night, and how the pansies grow;
Let hollyhocks distract him from his war ways;
These are the little things he wants to know.

When he returns victorious we'll meet him
With garlands and with petals at his feet;
And if, mayhap, we never more shall greet him,
Our roses still shall keep his memory sweet.

—ANONYMOUS

VICTORY ROSE COLLECTION

CREAM OF THE HYBRID PERPETUAL CLASS

★**PAUL NEYRON.** An enormous popular pink Rose which blooms profusely. The canes grow strong and upright and make a fine bush.

★**GENERAL JACQUEMINOT.** Brilliant scarlet-crimson; one of the best-known Roses; does well everywhere.

★**ULRICH BRUNNER.** Bright cherry-red in color; flowers very large and full. Splendid for cutting.

★**FRAU KARL DRUSCHKI.** Produces immense, snow-white flowers of perfect form. The grandest white Rose in existence. (See cut, page 22.) *Extra size also, price $1.25* □

PRICE OF ABOVE ROSES
1-yr. size, 35c. each, postpaid; 2-yr., 65c. each; Star size, 90c. each □

~~OFFER~~ No. 2
The four in 1-yr. size for $1.25, postpaid; 2-yr. size, $2.25; Star size, $3.25
□

□ This indicates delivery not prepaid

The Service of Roses

Rose Values. Is there any decoration about your house, inside or out, that is more valuable than Roses?

It is not their *financial* value that we refer to, in spite of the fact that if thoughtfully handled they can be made to bring in good pocket-money and furthermore enhance the value of your property. That merely proves their value to other people, which is abundantly recognized.

But do *you* recognize the value to yourself to be had from cultivating a closer acquaintance with the "Queen of Flowers?"

Major W. F. Trube, of the General Hospital, Washington, D. C., said, "I can't run a hospital without flowers." That is especially true of Roses, for Roses cure people, and some doctors know it. They have a *therapeutic* value.

But, take your own case for example. Healthy people who work (and who does not these days?) need to keep healthy and therefore need recreation. Everyone is the better for a hobby—what hobby could be more delightfully stimulating than growing your own Roses? That indicates their *recreational value.*

And so if there were room we should like to describe the *inspirational value* of Roses.

And the *ceremonial value* as the crowning feature of grace and beauty at important functions.

And their *civic value.* For does not the presence of the Rose indicate the high-water mark of civic improvement? (Name the list of cities in America with Municipal Rose-Gardens and tell us if they do not tally with the most enterprising ones.)

It seems almost superfluous to refer to their *donational value.* It is the soul that feeds upon flowers, and therefore their gift is always a compliment of the highest order.

Roses speak a universal language—where words fail us utterly, the Roses are ready to carry the message.

Would you extend your sympathy to one in sorrow? The Roses go richly laden—they are tactful in conveying tenderest regard. They do not offend—they are diplomatic where the situation is delicate, or with dignity, grace, and eloquence do they bespeak heartiest congratulations. *Their interpretive value* is unlimited.

When the pen, tongue, or typewriter, telephone or telegram, seem harsh or inadequate, send a Flowergram—"Say it with Roses,"—*Roses of your own growing.*

Have YOUR Roses Ready "When the Boys Come Home"

AN INVITATION

During the summer and autumn months we have many acres of flowers in bloom. It is also a good time to select the flowers of your choice. Visitors always *welcome.*

GUARANTEE

Such as has been made by no other firm. We guarantee C. & J. Roses to bloom the first regular blooming period after planting, or your money back.

(This does not cover loss by insect pests or winter-kill.)

Our greenhouse plant is thoroughly equipped with all the modern appliances for growing Roses of the very best quality

←The Value of a Guarantee Depends Mainly upon the Reliability of the House Behind It→

To Whom It May Concern:

November 19, 1918.

It affords us pleasure to testify to the high character and standing of The Conard & Jones Company. It is composed of practical, up-to-date nurserymen and Rose specialists. In our opinion, any statement they may make or any agreement into which they may enter can be absolutely relied upon.

THE NATIONAL BANK OF WEST GROVE, PA.

YES! We Guarantee Safe Arrival—AND

practically all the items of *small size* in this catalogue are offered with delivery charges prepaid. This includes one-year-old plants, bulbs, and seeds, **BUT—**

Larger plants, including two-year-old Roses, shrubs, and other items will be found with a □ after each price.

□ This sign indicates the items on which transportation is not prepaid. This does not mean that the cost of delivery is expensive. It is very inexpensive. The goods may be delivered by the Government-controlled new American Railways' Express Company, services of which promise to be better than in the past, in which case delivery charges will be collected, upon delivery, by your Express Agent.

On the other hand, you may find it more convenient to have your goods sent by parcel post, *postage to be paid on delivery.* If you wish goods delivered by parcel post, please *say so when ordering.* To the right is a schedule of likely *postal charges on delivery* when two-year or larger sizes are sent. Parcel-post charges are usually less than express charges east of the Mississippi. Plants vary in weight, so transportation will vary accordingly. Our figures, however, are as near right as we can estimate them.

Postage Charges on Two-Year *Dormant Plants*

will average about as follows:

ZONE ☞	2	3	4	5	6	7	8
5 plants.....	8c.	12c.	19c.	26c.	33c.	41c.	48c.
10 plants.....	12c.	20c.	35c.	50c.	65c.	81c.	96c.
25 plants.....	23c.	42c.	79c.	1.16	1.53	1.91	2.28

2-YEAR SIZE *POTTED* PLANTS WILL COST ABOUT TWICE ABOVE RATES

NOTE.—An additional charge of 13 cts., over the regular postage, is required. This includes 10 cts. for collecting and returning postage and 3 cts. for return money-order fee.

These cities are in the zones indicated: 2d zone, Philadelphia, Baltimore, Washington, and Richmond. 3d zone, Boston and Pittsburgh. 4th zone, Cincinnati. 5th zone, Chicago.

THE CONARD & JONES CO., ROBERT PYLE, President · ANTOINE WINTZER, Vice-Pres. · R. T. SATTERTHWAITE, Secy. · ELLEN PYLE, Treasurer **West Grove, Pa.**

SEE INDEX TO ROSES ON PAGES 4 AND 5 SEED INDEX, PAGE 49 GENERAL INDEX, PAGE 50

THE PIONEER OF A NEW RACE OF HARDY ROSES

A New Species
Unlike Any Other Rose

★"HUGONIS"

Recently Brought from China
By Plant Explorer E. H. Wilson

This Rose is a spectacular show in itself. Every branch of the previous year's growth becomes lined on all sides, to the very tip, with closely set, wide-open, single flowers like dainty yellow hollyhocks, and the branches bend over with the weight of bloom.

Its hardiness is remarkable, for we have never yet known even a tip of a single branch to winterkill, and the same excellent report comes from trials made in Massachusetts and Wisconsin.

In this locality Hugonis bloomed the first week in May, 1918, two weeks ahead of our otherwise earliest Roses.

This unique species is fine for shrub planting and makes a symmetrical bush about 6 feet in height and the same in diameter when fully matured. Picture this exquisite bush on *your* lawn, or at the corners of *your* house, in early spring. Think of the pleasure of looking forward daily from about the last week in April, when the buds begin to form, till the plant is a mass of fairy-like fluffy bloom the first week in May.

When through blooming you will still have a most beautiful bush, for the acacia-like foliage on arching branches makes a most decorative shrub which, as far as we are aware, is never touched by disease of any kind but is clean and healthy always.

Earn distinction by being the first to introduce this unique Rose in your neighborhood.

Yard-Long Sprays of Lovely Yellow Bloom

ROSA HUGONIS—A GEM

Editor *Horticulture*:

I note yours as to *Rosa Hugonis* in current issue. I have a strong-growing vigorous plant sent me by our old friend, Jackson Dawson, which is a thing of beauty at this present time. It has been out three winters and passed through the last unprotected and comes out uninjured—as good a test of hardiness as could be had. This is the third year of its blooming, always pleasing and admired by all. I have never seen any "bugs" or troublesome insects on it; it is free from the ugly thorns of the Scotch rose; each branch is a garland of most beautiful yellow, elegantly garnished with small deep-colored foliage. I hold it as a gem. Yours, C. W. Hoitt, Nashua, N. H., May 21, 1918.

REPORT BY
Plant Explorer E. H. Wilson
OF THE
ARNOLD ARBORETUM
Who Discovered This Rose in China

"It is an upright-growing shrub with slender and spreading branches on which the fragrant flowers are borne in yard-long sprays of soft yellow. As I write in mid-November, the foliage is still on the shrub and has assumed a dark purple tint."

Price for OWN-ROOT Plants: 1-yr., pot-grown, $1, postpaid. Field-grown, 2-yr., $2.50; Star size, $3.50; Extra size, $5 □.

Index to The Best Roses for America (TWO PAGES)

Intelligent buyers will appreciate, we believe, this classification, showing Rose families, etc.

June-Blooming Roses— Page
(Which make a glorious show in "Rose Season" and are entirely hardy even in the North.) 16–25
Hardy Climbing Roses and Ramblers for Covering Archways, Trellises, Fences, Banks, Walls and Buildings 16–19
Wichuraiana or Memorial Roses 16
Rugosa Roses (very hardy) 20
Moss, Briar, Provence Roses 21
Green, Blue, and Striped Roses, and Roses Extraordinary 21
Hybrid Perpetual Roses 22–23
Ready-made Collections of Choicest H.P.'s ... 23
Roses Selected for Northern Climates 23
Colored Cover-page Offers 2, 4, 27, 50

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(The following will bloom from spring until frost, but require winter protection in the latitude of Pennsylvania.)
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Hybrid Tea Roses 8–11
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Abbreviations Used

A.B., Austrian Briar
Ben., Bengal
Bou., Bourbon
C.Ben., Climbing Bengal
Ch., China
C.H.T., Climbing Hybrid Tea
C.P., Climbing Polyantha
C.T., Climbing Tea
Dsk., Damask
H.B., Hybrid Briar
H.Ch., Hybrid China
H.M., Hybrid Multiflora
H.P., Hybrid Perpetual
H.R., Hybrid Rugosa
H.S.B., Hybrid Sweetbriar
H.T., Hybrid Tea
H.W., Hybrid Wichuraiana
M., Moss
Mult., Multiflora
N., Noisette
P., Polyantha
Per., Pernetiana
Rug., Rugosa
S.B., Sweetbriar
Spec., Species
T., Tea
T.P., Tea Polyantha
W., Wichuraiana, or Memorial

VARIETY	CLASS	Page	1-yr.	2-yr.	★ size
			cts.	cts.	cts.
Admiral Ward	H.T.	*	40		
Aglaia	H.M.	*	30	60	
Alexander Hill Gray	T.	24	35	65	$1
Alice Aldrich	H.R.	20	30	60	
Alister Stella Gray	N.	15	35	65	
America	Mult.	19	35	65	$1
American Beauty	H.P.	*	40	75	
American Beauty, Cl.	C.H.W	18	40	75	$1
American Pillar	H.M.	19	35	65	$1
Anna de Diesbach	H.P.	22	35	65	$1
Archduke Charles	Ben.	15	25	50	
Arthur R. Goodwin	H.T.	*	35		
Aunt Harriet	H.W.	18	50	$1.50	$3
Aviateur Bleriot	H.W.	16	35		
Augustus Hartmann	H.T.	*	35		
Baby Doll	P.	14	30	60	
Baby Dorothy	P.	14	30	60	90
Baby Rambler, Crim.	P.	14	30	60	90
Baby Rambler, Pink	P.	14	30	60	90
Baby Rambler, White	P.	14	30	60	90
Baby Rambler, Yellow	P.	14	30	60	
Baby Tausendschon	P.	14	30		
Ball of Snow	H.P.	22	35	65	90
Barbarossa	H.P.	*	30	60	
Baron de Bonstetten	H.P.	22	35	60	
Beauty of Rosemawr	Bou.	*	25	50	
Bessie Brown	H.T.	*	35		
Betsy Van Nes	P.	14	30		
Birdie Blye	H.Ch.	15	35	60	90
Blanche Moreau	M.	21	35	65	$1
Blue Rose	H.M.	19	35	65	
Blumenschmidt	T.	13	30	60	90
Bon Silene	T.	12	30	60	
Bride	T.	13	35		
Bridesmaid	T.	13	35		
Bridesmaid, Climbing	C.T.	15	30		

Rose Specialists — THE CONARD & JONES CO.

★See Star Roses, page 25

*This variety is offered in index only

COMPLETE INDEX TO THE BEST ROSES FOR AMERICA, continued

VARIETY	CLASS	Page	1-yr.	2-yr.	★ size
			cts.	cts.	cts.
Burbank	Bou.	15	25	50	
Captain Hayward	H.P.	22	35	60	
Cardinal	H.T.	*	35		
Carmine Pillar	C.H.T.	*		$1	
Casimir Moulle	H.W.	*		65	
Champion of the World	Bou.	*	35	65	$1
Charles Wagner	H.P.	22	35		
Chat. de Clos Vougeot	H.T.	11		65	$1
Christine Wright	H.W.	18	35	65	$1
Chromatella	N.	15	35		
Climb'g Roses 15–19.					
Clio	H.P.	22	35	65	$1
Cloth of Gold	N.	15	35		
Clotilde Soupert	T.P.	14	30	60	
Clotilde Soupert, Cl.	C.T. P.	15	35	65	$1
Col. R. S. Williamson	H.T.	10	35	65	
Comtesse Riza du Parc	T.	13	35		
Commander Jules Gravereaux	H.P.	*		65	
Conrad F. Meyer	H.R.	20	35	65	$1
Coquette des Alpes	H.P.	*	35		
Coquette des Blanches	H.P.	22	35		
Corallina	T.	*	35		
Cornelia Cook	T.	*	35		
Coronation	H.W.	16	35	65	$1
Countess of Gosford	H.T.	9	35		
Crested Moss	M.	21	35	65	
Daily Mail	Per.	21		75	
Daybreak	H.W.	16		65	$1
Dean Hole	H.T.	*	35		
Devoniensis	T.	13	35		
Devoniensis, Climbing	C.T.	*	35		
Dr. W. Van Fleet	H.W.	18	35	65	$1
Dorothy Dennison	H.W.	16		65	$1
Dorothy Perkins	H.W.	17	35	60	90
Dorothy Perkins, Red	H.W.	17	35	60	90
Dorothy Perkins, Wh.	H.W.	17	35	60	90
Duchesse de Brabant	T.	13	35	65	$1
Duchess of Albany	H.T.	10	35	65	$1
Duchess of Wellington	H.T.	11	35	65	$1
Ecarlate	H.T.	50	30	60	
Echo	P.	14	30	60	
Edward Mawley	H.T.	11	35		
Ellen Poulsen	T.P.	14	30		
Empress of China	C. Ben.	15	30	60	
Erna Teschendorff	P.	14	35	65	
Etoile de France	H.T.	24	35	65	$1
Etoile de Lyon	T.	13	30	60	
Etoile de Mai	P.	14	30		
Eugene Boullet	H.T.	11	35		
Eugene Furst	H.P.	22	35	65	
Evangeline	H.W.	16	35	65	$1
Excelsa	H.W.	17	35	65	90
F. E. Coulthwaite	H.T.	10	35		
Francois Levet	H.P.	*	35	65	90
Francis Scott Key	H.T.	11	35		
Frau Karl Druschki	H.P.	22	35	65	90
Fr. von Marschall	T.	12	35		
Gainsborough	H.T.	9	35		
Gardenia	H.W.	18	35	65	$1
General Jacqueminot	H.P.	22	35	65	90
General MacArthur	H.T.	50	35	65	$1
Gen.-Sup. A. Janssen	H.T.	11	35		
George Arends	H.P.	22	35	65	$1
George Dickson	H.T.	11	35		
George Elger	P.	14	30	60	
Gl. de C. Guinoisseau	H.P.	*	35	65	
Gloire de Margottin	H.P.	22	35	65	
Gloire Lyonnaise	H.P.	22	35	65	
Glory of Mosses	M.	*	35		
Glory of Paris	H.P.	22	35	65	$1
Golden Rambler	N.	15	35	65	
Green Rose	Ch.	21	25	50	
Gruss an Aachen	T.P.	14	30	60	
Gruss an Teplitz	H.T.	50	30	60	90
Gruss an Teplitz, Cl.	C.H.T.	15	35	60	90
Hadley	H.T.	11	35		
Hansa	H.R.	*			$1
Harison's Yellow	A.B.	21		60	
Harry Kirk	T.	13		75	
Heart of France	H.Ch.	15	35	60	90
Hector MacKenzie	H.T.	*	35		
Heinrich Munch	H.P.	*	35	65	
Helen Good	T.	13	35	65	
Helen Gould	H.T.	11	35		
Henry Martin	M.	21	35	65	$1
Hermosa	Ch.	15	30	60	
Hiawatha	H.W.	16	35	65	90
Hoosier Beauty	H.T.	24	35	65	$1
Hugh Dickson	H.P.	22	35	65	$1
Hugo Roller	T.	13	35	65	
Hugonis	Spec.	4	$1	$2.50	$3.50
Irish Fireflame	H.T.	21		65	
Isabella Sprunt	T.	13	30	60	
James Sprunt	C.B.	15	30		

VARIETY	CLASS	Page	1-yr.	2-yr	★ size
			cts.	cts.	cts.
J. B. Clark	H.P.	22	35	65	$1
John Hopper	H.P.	22	35	65	
John Keynes	H.P.	22	35	65	
Jonkheer J. L. Mock	H.T.	8	35	65	$1
Juanita	H.W.	*		60	
Jubilee	H.P.	23	35	65	
Kais. Aug. Victoria	H.T.	24	35	65	$1
Kaiserin Aug. V., Cl.	C.H.T.	*	30	60	
Killarney	H.T.	10	35	65	$1
Killarney Brilliant	H.T.	10	35	65	$1
Killarney, White	H.T.	10	35	65	$1
Lady Alice Stanley	H.T.	24	35	65	$1
Lady Gay	H.W.	*		65	
Lady Ashtown	H.T.	*	35		
Lady Hillingdon	T.	13	35	65	
Lady Mary Corry	T.	*	35		
Lady Pirrie	H.T.	9	35		
Lady Plymouth	T.	13	35		
Lady Roberts	T.	13	35	65	
La France	H.T.	10	35	65	$1
La France, Climbing	C.H.T.	15	35	65	
La France, Red	H.T.	10	35	65	$1
La France, Striped	H.T.	*	35		
La France, White	H.T.	10	35	65	$1
La Reine	H.P.	*	35		
La Tosca	H.T.	9	35		
Laurent Carle	H.T.	11	35	65	$1
Leonie Lamesch	P.	*	35		
Le Poilu	H.W.	*	50		
Longwood	H.W.	16	40	75	
Los Angeles	H.T.	9			$1.50
Louise Walter	P.	14	30		
Lucullus	Ben.	15	25	50	
Mme. Abel Chatenay	H.T.	9	35		
Mme. Alfred Carriere	N.	15	35	65	
Mme. Camille	T.	13	35	65	
Mme. Car. Testout	H.T.	24	35	65	$1
Mme. C. Testout, Cl.	C.H.T.	15	35		
Mme. Charles Wood	H.P.	23	35	65	
Mme. de Vatrey	T.	12	35		
Mme. de Watteville	T.	13	35		
Mme. Driout	C.T.	15	30		
Mme. Ed. Herriot	Per.	21		75	
Mme. Eugene Marlitt	Bou.	50	30	60	90
Mme. F. Kruger	T.	13	30	60	
Mme. Jos. Schwartz	T.	13	35		
Mme. J. Gravereaux	C.T.	15	35		
Mme. Jules Grolez	H.T.	9	35	65	
Mme. Leon Pain	H.T.	9	35		
Mme. Margottin	T.	12	35		
Mme. Masson	H.P.	*	35		
Mme. Mel. Soupert	H.T.	11	35	65	$1
Mme. Wagram	C.T.	15	35		
Mlle. Cecile Brunner	P.	14	30	60	90
Mlle. Cecile Brunner Climb	C.P.	15	35	65	$1
Mlle. H. Gambier	H.T.	50	35	65	
Madison	T.	13	35	65	
M. Scalarandis	Ben.	*	25		
Magna Charta	H.P.	23	35	65	
Maman Cochet, Pink	T.	12	30	60	90
M. Cochet, Pink, Cl.	C.T.	15	35		
Maman Cochet, Red	T.	12	35	65	$1
Maman Cochet, White	T.	12	30	60	90
M. Cochet, White, Cl.	C.T.	15	35	60	
M. Cochet, Yellow	T.	12	35	65	$1
Marchioness of Lorne	H.P.	23	35	65	
Marechal Niel	N.	15	35	65	
Marie Guillot	T.	*	30		
Marie Lambert	T.	13	30	60	
Marie Pavie	T.P.	14	35	65	$1
Marie Van Houtte	T.	13	30	60	
Marq. de Querhoent	T.	13	30	60	
Marshall P. Wilder	H.P.	23	35	65	
Mary, Countess of Ilchester	H.T.	*	35		
Mary Lovett	H.W.	18	40	80	$1
May Queen	H.W.	18	30	60	90
Memorial Roses	H.W.	16			
Meteor	H.T.	11	35	65	
Meteor, Climbing	C.H.T.	15	35	65	
Minnehaha	H.W.	16	35	65	$1
Miss A. de Rothschild	T.	13	35		
Miss Messman	H.M.	19	35	65	90
Molly S. Crawford	T.	13	35		
Mosella	T.P.	*		65	
Mosella, Climbing	C.T. P.	*	30	60	
Moss Roses	M.	21			
Mousseline	M.	*	35	65	
Mrs. Aaron Ward	H.T.	24	35	65	$1
Mrs. Andrew Carnegie	H.T.	*	35		
Mrs. A. R. Waddell	H.T.	9	35	65	$1
Mrs. B. R. Cant	T.	50	35	65	$1
Mrs. Campbell Hall	T.	*	35		
Mrs. Charles Russell	H.T.	9	35	65	

VARIETY	CLASS	Page	1-yr.	2-yr.	★ size
			cts.	cts.	cts.
Mrs. Foley Hobbs	T.	*	35		
Mrs. George Shawyer	H.T.	9		65	$1
Mrs. H. T. Hillas	H.T.	11	35		
Mrs. Herbert Stevens	T.	13	35		
Mrs. John Laing	H.P.	23	35	65	$1
Mrs. M. H. Walsh	H.W.	16	35	65	$1
Mrs. Robert Garrett	H.T.	*	35		
Mrs. Robert Peary	C.H.T.	*	30	60	
Mrs. W. C. Miller	H.T.	24	35	65	$1
Natalie Bottner	H.T.	*	35		
New Century	H.R.	20	35	65	$1
Nova Zembla	H.R.	*		65	
Old-Gold	H.T.	21	35		
Ophelia	H.T.	11	40	75	$1
Orleans	P.	14	30	60	90
Orleans, Climbing	C.P.	15	40	75	$1
Panama	H.T.	9	35		
Papa Gontier	T.	12	35		
Paul Neyron	H.P.	2	35	65	$1
Perle des Jardins	T.	*	35		
Philadelphia	H.M.	19	35	65	90
Pillar of Gold	C.T.	*	35	65	
Polyanthas	P.	14			
Prince Cam. de Rohan	H.P.	23	35	65	$1
Prince of Bulgaria	H.T.	9	35	65	$1
Princess Adelaide	M.	*	35	65	
Prof. C. S. Sargent	H.W.	16	35		
Queen's Scarlet	Ch.	*	30	60	
Radiance	H.T.	50	35	65	$1
Radiance, Red	H.T.	11	35		
Rainbow	T.	13	35		
Rambler, Crimson	H.M.	19	30	60	
Rambler, Yellow	H.M.	*	30	60	
Red-Letter Day	H.T.	11	35	65	
Red Radiance	H.T.	11	35		
Reine Marie Henriette	C.H.T.	15	35		
Rene Robins	H.T.	10	35		
Reve d'Or	N.	15	35		
Rhea Reid	H.T.	11	35		
Richmond	H.T.	24	35	65	$1
Rodhatte	P.	*		65	
Roger Lambelin	H.P.	21	40	75	
Rosa rubiginosa	S.B.	21		60	
Rose d'Evian	T.	*	35		
Rose a Par. de l'Hay	H.R.	20		65	
Rosiere	H.W.	*	50		
Ruby Queen	H.W.	16	35	65	$1
Rugosa alba	Rug.	20	35	65	90
Rugosa magnifica	H.R.	20		75	$1.25
Rugosa rubra	Rug.	20	35	65	90
Safrano	T.	13	35	65	
Shower of Gold	H.W.	*	35		
Silver Moon	H.W.	16	35	65	$1
Sir Thomas Lipton	H.R.	20	35	65	$1
Solfaterre	N.	*	35		
Souvenir de P. Leperdrieux	H.R.	20	35	65	90
Souv. de P. Notting	T.	50	35	65	
Souv. du Pres. Carnot	H.T.	9	35		
Souv. of Wootton	H.T.	*	35		
Souv. of Wootton, Cl.	C.H.T.	15	35	65	
Striped Reine Marie Henriette	C.T.	15	30		
Sunburst	H.T.	11	35	65	$1
Sunburst, Climbing		*	35		
Sunset	T.	13	35		
Sweetbriar	S.B.	21		60	
Sweetheart	P.	14	30	60	90
Taft Rose	H.T.	9	35		
Tausendschon	H.M.	19	35	65	$1
Thousand Beauties	H.M.	19	35	65	$1
Tip-Top	P.	14	30	60	
Ulrich Brunner	H.P.	2	35	65	$1
Universal Favorite	H.W.	16	35	65	
Veilchenblau	H.M.	19	35	65	
Vick's Caprice	H.P.	21	35	65	$1
Violet-Blue	H.M.	19	35	65	
Viridiflora	Ch.	21	25	50	
Wartburg	H.M.	*		65	
Wellesley	H.T.	50	35	65	
White Amr. Beauty	H.P.	22	35	65	90
White Dorothy	H.W.	17	35	60	90
White Killarney	H.T.	10	35	65	$1
White Maman Cochet	T.	12	30	60	90
White M. Cochet, Cl.	C.T.	15	35	60	
Wichmoss	Cl.M.	21	35	65	$1
Wichuraiana	W.	16	30	60	90
Wichuraiana, Varieg.	W.	*		65	
Wm. Allen Richardson	N.	15	35		
Wm. R. Smith	T.	13	35	65	$1
William Shean	H.T.	9	35		
Willowmere	H.T.	*	35		
Winnie Davis	H.T.	9	35		
Yellow Cochet	T.	12	35	65	$1
York and Lancaster	Dsk.	21		$1	

HAVE YOUR ROSES READY "WHEN THE BOYS COME HOME"!

SUCCESS WITH ROSES depends partly upon the quality of the plants we send, but quite as much upon your knowledge of what to get and how to treat what you get. Therefore these two pages.

Even Rose-growing may be discouraging, unless, in the first place, you have the knowledge of *how to get what you want.*

It's the "know how" at the start that insures success and satisfaction at the finish.

You or your architect must picture your house before you build it; to do this, seeing what others have done will help you to formulate your own ideas, and, what is quite as important, to know your materials and their possibilities. These two pages are intended to remove the mystery from "Success with Roses."

How to Select Your Roses

No other family of plants, probably, is more widely spread over the face of the earth than the Rose. Few other plants have in the same genus so many different types and species. Thus it is that, from the tiny midget Roses to those of untold age and marvelous dimensions, we find every size of bush and almost every habit of growth.

Landscape architects, the expert users of Roses, call for many different types to fashion *their* garden pictures. *You, too,* reader, may add refreshing variety and the charm of novelty to *your* garden picture *if,* first, you know each separate family and its traits. To help you we indicate below only a few of these families and the broader classifications. On the opposite page are some of the ways in which Roses may best be used.

Compare each paragraph as numbered with corresponding illustration below, to assist in comparing types

1. Creeping Roses. See kinds marked • on page 16.

A few varieties in the Wichuraiana family which cling close to the ground. They throw out runners which sucker and fasten themselves tightly, thus making them valuable on embankments, as "a thing of beauty," and also to prevent the soil from washing.

2. Baby Roses. See page 14.

Polyantha, also called Baby Ramblers, even in the bush form which do not ramble at all. They are remarkable for an almost constant display of bloom. Quantities of small blossoms in clusters cover the bushes throughout a longer uninterrupted period than almost any other family. They are used as individual specimens, for low hedges, for solid beds or for edging, and are unsurpassed for cemetery planting.

3. Bush Roses

We describe them here in two sizes (a) and (b).

(a) SHORT. 15 to 30 inches. See pages 8 to 11, 12, 13, 14 and 15.

Most of the Roses in the Tea and Hybrid Tea classes, also the Bourbons, Bengals and Chinas, belong to this group, like the Killarneys, Cochets, and the Roses in our Reliable Dozen (p. 24).

(b) TALL. 3 to 4 feet or more. See pages 22 and 23.

Most of the Hybrid Perpetuals with larger and fewer flowers are in this group, and some Hybrid Teas, like Gruss an Teplitz. Among Hybrid Perpetuals, Hugh Dickson, J. B. Clark and Frau Karl Druschki often grow larger than the others.

4. Shrub Size Roses

We speak of this group in this manner because they are too large to plant with other Roses in the Bush Rose beds, but rather do they lend themselves for use on the lawn, either in groups or as specimens, much as you would plant shrubbery. The Rugosas, on page 20, make robust bushes, 3 to 4 feet through and 4 to 6 feet high. Some grow stronger than this. Their compactness and uniformity also commend them for hedge uses. Harison's Yellow (p. 21) is in the shrub class, as is the wonderful new Hugonis (front page); also the Sweetbriar and Moss Roses, p. 21.

5. Pillar Roses

This term, or phrase, is better known and more used abroad than in America. *May Queen Rose* (p. 18), *Golden Rambler* (p. 15), and other Roses, including *Heart of France* (p. 15), and some too large to be well-behaved Bush Roses and not large enough to be vigorous climbers, are tied to a stake or support and called Pillar Roses. The stronger growing climbers, like American Pillar, may likewise be cut back and so trained.

6. Climbing Roses

There is almost as much variety in Climbing Roses as in all above five groups combined. The most valuable group of Climbers are the hardy ones which bloom only during the spring and early summer—the *Multifloras*, and the *Wichuraianas* and *their Hybrids*, bloom in clusters. See pp. 16, 17, 18, and 19. Nearly all of these grow to a great height (see cut, p. 17). The Wichuraiana family has most pliable branches and is easily trained. The other large group of Climbers are less hardy but bloom riotously in the spring and some during summer and fall; they are climbing sports of the Teas, Hybrid Teas and Polyanthas (see page 15). Climbing Mlle. Cecile Brunner is a grand, hardy, everblooming climber.

Hardiness

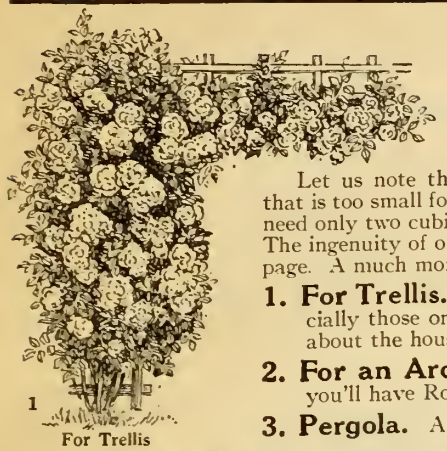
All Roses on pp. 16 to 25 (except pp. 21 and 24) are quite hardy. *Roses, pp.* 8 to 15 inclusive, need winter protection in latitude north of Philadelphia. For winter protection see pp. 28 and 29 in "*How to Grow Roses*" (*p.* 7).

1 Creeping Roses | 2 Baby Roses | 3(a) Tea and Hybrid Tea | 3(b) Hybrid Perpetual | 4 Shrub Rose Rugosas, etc. | 5 Pillar Roses | 6 Climbing Roses

Rose Specialists — THE CONARD & JONES CO.

A ROSE FOR EVERY PLACE AND PURPOSE

"The success of the Rose in this country is very largely a question of the selection of adaptable varieties."—DR. LIBERTY H. BAILEY.



1 For Trellis

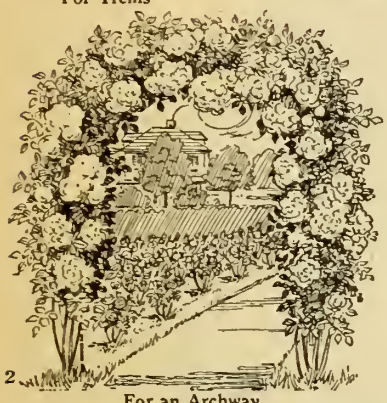
The opposite page has helped you, no doubt, to avoid selecting those Roses *not* well suited to your climate, and to a choice of the right ones for your locality. That is very important. Having received your Roses, do you yet realize in how many different ways they may be used, what clever, original, and decorative arrangements may be employed to make your home beautiful?

Let us note the climbing Roses, for example. It is difficult to imagine a home with grounds at all that is too small for at least one climbing Rose. A climbing Rose that covers the entire side of a house may need only two cubic feet of soil to grow in. (Please note in passing the rose-embowered house on page 17.) The ingenuity of our readers will conceive a greater variety of uses than the few examples pictured on this page. A much more complete treatment of the subject will be found in our book, "How to Grow Roses."

1. For Trellis. For covering a trellis, select from the climbers, pages 15 to 19, inclusive, and especially those on page 16. A trellis may be made of wood, wire, or other materials, and may be used about the house, porch, or garden, or for a screen.

2. For an Archway. Use the same varieties as for above. "Dig deep while sluggards sleep," and you'll have Roses galore. The archway is most effective over a pathway or entrance.

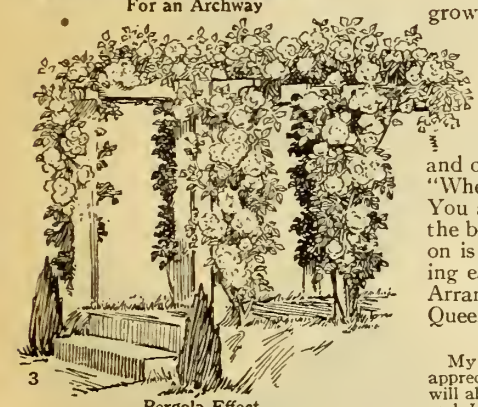
3. Pergola. A pergola, like an open tunnel, made up of a series of connected arches, should be covered with the same varieties recommended for arches, and is a great addition to any garden.



2 For an Archway

4. Fences. First of all, plan for a substantial support, and choose, according to taste, from the long-branched climbers on pages 15 to 19, but especially on pages 16 to 19. If your fences are already in place, why not cover them with Roses, for this can be done for a slight additional expense? From a single bush, like Dr. W. Van Fleet, you can get *hundreds* of perfect, large, long-stemmed blooms *every* year, that city folks are glad to get for $2 per dozen. These large-flowered hardy climbers make canes 10 to 15 feet long in a season, and bloom the *second* season after planting.

5. Banks or Stumps. Any ugly or unsightly objects, from stumps to buildings, may be transformed into bowers of beauty. Expense is trifling, compared with the satisfaction. The hardy climbers, and especially Wichuraianas, are best for this purpose.



3 Pergola Effect

"HOW TO GROW ROSES" By ROBERT PYLE

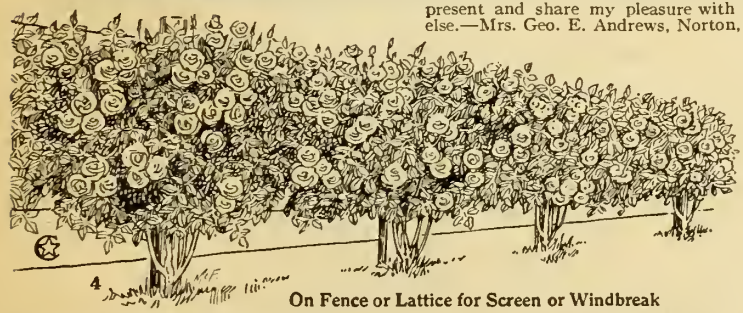
A cloth-bound book, 121 pages—16 full-page color plates. 80 instructive illustrations

If you simply wanted something to read, without any idea of getting instruction about growing Roses, you might turn to this book and be delightfully entertained for an hour or so. In this way it is an unusual Rose book; for in it you will find how the famous "attar of Roses" is made, how to make Rose beads, something about "the Red Rose Church" at Manheim, and also about the most beautiful Rose-garden in the world.

To a lover of Roses there is more than this; for a beginner is told how to begin, how to establish ideals, and get started right; after which comes the valuable "Calendar of Operations," telling when and how to prune, spray, fertilize, and otherwise care for Roses the year round. There is a chapter on "Where to Plant Roses," and others on drainage, soil, and fertilizers. You are told how to handle the plants when you receive them and the best way to mulch and protect them during the winter. Further on is a most valuable list of 158 Roses, with instructions for pruning each one. The book ends with a comprehensive list of "Roses Arranged in Classes," that should be of value to any lover of "the Queen of Flowers." **Price, $1, postpaid.**

MAKES A LOVELY PRESENT

My "How to Grow Roses" arrived. My appreciation cannot be expressed in words. It will always be one of my precious belongings and I think I shall have to order one for a present and share my pleasure with someone else.—Mrs. Geo. E. Andrews, Norton, Mass.



4 On Fence or Lattice for Screen or Windbreak

Will YOU Have Enough Roses "When the Boys Come Home"?

The supply this year is short on account of lack of labor and coal, also, practically none are coming from abroad.

To avoid disappointment, order early. First come, first served.

5 For Stumps or Rockeries

AS A SAMPLE OF THEIR SIZE

This Picture Will Give You a Hint of Our Hybrid Tea Roses

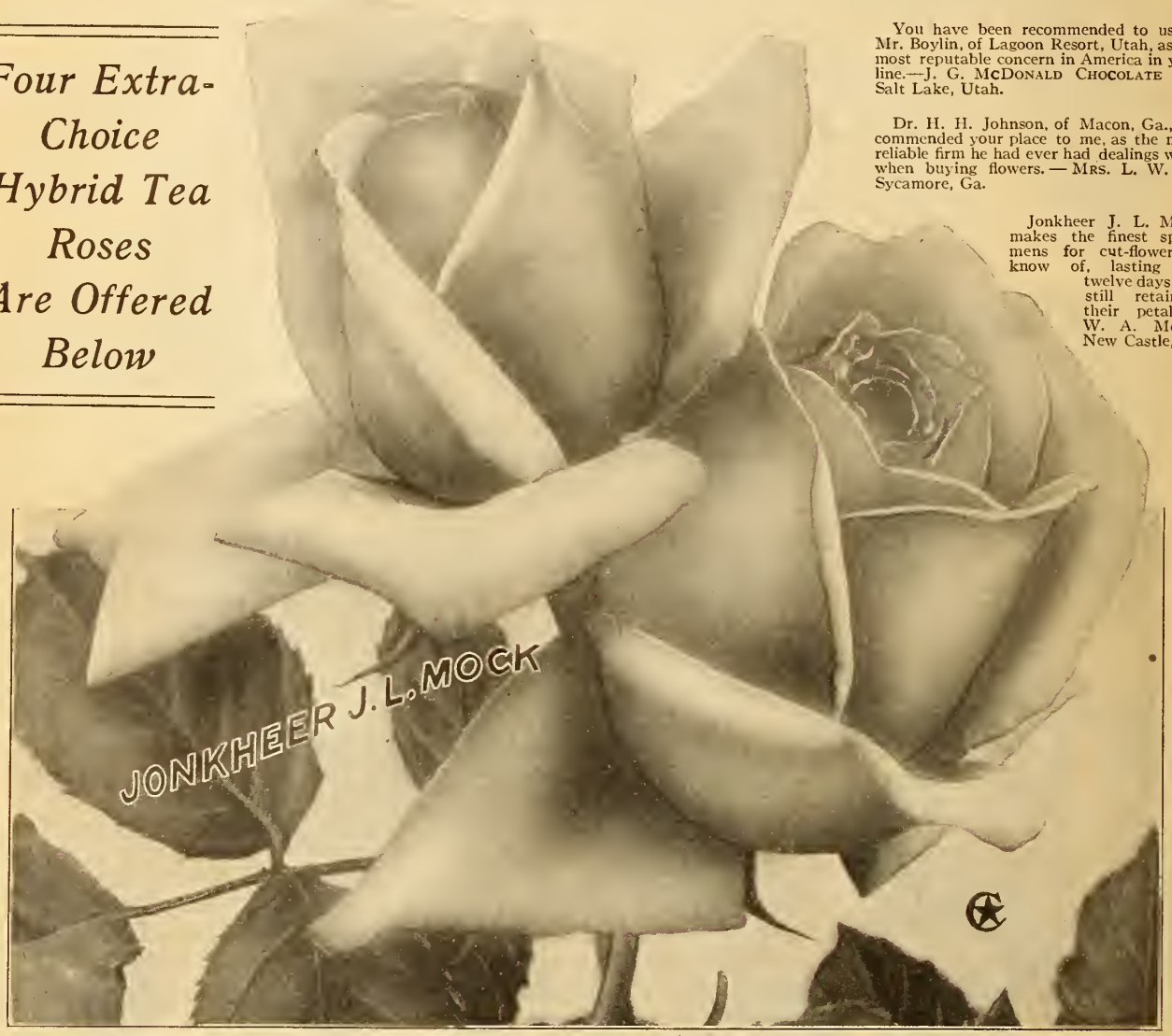
On the Next Pages All Other Illustrations Show Form but Not Full Size

Four Extra-Choice Hybrid Tea Roses Are Offered Below

You have been recommended to us by Mr. Boylin, of Lagoon Resort, Utah, as the most reputable concern in America in your line.—J. G. McDonald Chocolate Co., Salt Lake, Utah.

Dr. H. H. Johnson, of Macon, Ga., recommended your place to me, as the most reliable firm he had ever had dealings with, when buying flowers. — Mrs. L. W. G., Sycamore, Ga.

Jonkheer J. L. Mock makes the finest specimens for cut-flowers I know of, lasting for twelve days and still retaining their petals.—W. A. McK., New Castle, Pa.



★**JONKHEER J. L. MOCK.** The color is carmine on the outside, and imperial pink on the inside of the flower. The blooms are very large, perfectly formed, and highly perfumed. You should plant an entire Rose-bed of this one kind. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★**DUCHESS OF WELLINGTON.** The flowers are an intense saffron-yellow or orange-color; very attractive and without a rival in this class and color. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★**OPHELIA.** Salmon-flesh color, shaded with rose. The blooms come on strong stems, and the perfectly formed flowers are very lasting when cut. A favorite with everyone who grows it and we commend it highly. 1-yr., 40 cts., postpaid; 2-yr., 75 cts.; Star size, $1 □.

★**RICHMOND.** Color is bright, glowing crimson-scarlet. The flowers come singly, on long stems, suitable for cutting. Delightfully fragrant. The plant is a robust grower and seems to thrive wherever planted. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

OFFER 8 One each of above 4, in 1-yr. size, for $1.25, postpaid; 2-yr. size, $2.50; Star size, $3.50 □

Rose Specialists — *The Conard & Jones Co.*

EVERBLOOMING HYBRID TEA ROSES

This, we believe, is the most popular class of Roses now in cultivation. These varieties are the result of a union between the Everblooming Teas and the hardy Hybrid Perpetual class, thus combining the exquisite richness of coloring and beauty of form in the one with the hardiness, vigorous growth and pungent fragrance of the other.

It is rather exceptional in the Roses of any other class to find so many excellent qualities; and when you add the splendid feature of blooming so freely and continuously throughout the season, it is easy to understand why these Hybrid Tea Roses are so popular.

Lack of space prohibits our giving full descriptions to all the Roses we have in stock. Therefore we are obliged in many cases to name the colors only.

You may find here some favorites well worth your attention.

A Strong Robust Grower — *Grand for Cutting*

★ Note the Star size Roses, page 25 ★

SHADES OF PINK

Name	Description	Prices Post-paid 1-yr.	□ 2-yr.	□ ★
		cts.	cts.	
Countess of Gosford.	Salmon-pink, suffused saffron-yellow. An exceptionally fine Rose that has proved quite hardy in this latitude	35		
★Duchess of Albany	The Red La France. See description, page 10	35	65	$1
Gainsborough	Rosy flesh-color; large flower	35		
★Jonkheer J. L. Mock.	See illustration and description, page 8	35	65	$1
★Killarney	See cut and description, page 10.	35	65	$1
★Killarney Brilliant	See description, page 10	35	65	$1
★Lady Alice Stanley	Deep coral-rose; makes magnificent double blooms	35	65	$1
Lady Pirrie	Reddish salmon, petals apricot inside. Gold Medal, N. R. S.	35		
★La France	See description, page 10	35	65	$1
La Tosca	Soft pink, passing to tender rose; an exquisite flower; very strong grower	35		
★Los Angeles (New 1918)	Truly a magnificent Rose in vigor of growth, color, form, fragrance, and, in fact, in everything required of a first-class Rose. The color is a luminous flame-pink, toned with coral and shaded with translucent gold at the base of the petals. The buds are long and pointed and they expand into an intensely fragrant, beautiful flower of large size. **Extra-size plants, $1.50□.**			
Mme. Abel Chatenay.	Rich golden pink, flushed fawn and orange. A good Rose; very free-flowering	35		
★Mme. Caroline Testout	Large full flowers and handsome buds which resemble the famous La France Rose. Color is clear, rich pink, finely edged with silvery rose	35	65	$1
Mme. Jules Grolez	Rose and satiny pink. Makes a well-formed flower. Free bloomer; fine for massing	35	65	
Mme. Leon Pain	Silvery salmon, center orange-yellow; large and full	35		
★Mrs. A. R. Waddell	Attractively colored soft rosy salmon, suffused with a golden sheen. Free-flowering and handsome when only half open	35	65	$1
Mrs. Charles Russell.	This is called the Everblooming Pink American Beauty. Color is a lovely bright rose-pink, deeper toward the center	35	65	
★Mrs. Geo. Shawyer	Brilliant rose-pink. An extra-fine rose produced on straight, upright stems		65	$1
★Mrs. W. Ch. Miller	Soft pearly blush color, shaded salmon. The flowers are large and remain on the bush a long time, thus making this an excellent bedding Rose	35	65	$1

SHADES OF PINK, continued

Name	Description	Prices Post-paid 1-yr.	□ 2-yr.	□ ★
		cts.	cts.	
★Ophelia (See cut, above)	Salmon-flesh color, shaded with rose. The blooms come on strong stems, and the perfectly formed flowers are very lasting when cut. On account of its delicate coloring and large, firm flowers, this Rose has been greatly in demand ever since it was introduced in 1913	40	75	$1
Panama	Color is a dainty but rich peachy pink, with inside of petals creamy white. Shape is globular, like Mme. Caroline Testout. A good grower	35		
★Prince de Bulgarie	Flowers very full, exquisite rosy flesh-color. An excellent garden Rose	35	65	$1
★Radiance	An ideal bedding variety of very free-flowering habit. Color rosy carmine and soft pink. Makes large blooms. (See inside back cover)	35	65	$1
Souv. du Pres. Carnot	Makes immense well-formed flowers. Color shell-pink, tinted golden fawn	35		
Taft Rose	Rich salmon-pink, shaded yellow at the base. A most attractive flower	35		
Wellesley	Splendid for bedding as it is a continual bloomer. Color rose-pink and silvery rose. (See inside back cover)	35	65	
William Shean	An immense flower. Color dark pink with ochrey venation	35		
Winnie Davis	Apricot-pink, shading to flesh-pink	35		

EVERBLOOMING HYBRID TEA ROSES

You can always rely on the Killarney Roses for hardiness and freedom of bloom

4 EXQUISITE KILLARNEYS

It seems unnecessary to introduce "The Killarneys" to most people, for these popular Roses have been grown and sold for years, by the million by cut-flower growers, and in their class they are unsurpassed. The blooms are large, long petaled and charming every way, having a most delicious fragrance, and the color and form delight the eye.

Strong growers, making sturdy canes that produce bounteous crops of flowers and they bloom the same year when planted in the spring. No hardy everblooming Roses will give more lasting satisfaction than can be had from these beauties, and for cut-flowers and indoor decoration they are unsurpassed.

★Pink Killarney. Remarkable for its freedom of bloom and the large size of its intensely fragrant flowers. The buds are large, long, and pointed. Color is exquisite—a brilliant imperial pink, sparkling and beautiful almost beyond description. A bed of these beauties in full bloom is a sight not easily forgotten. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★White Killarney. More double than Pink Killarney, and the flowers are pure waxy white. 1 yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Orange Killarney (Duchess of Wellington). Flowers are an intense saffron-yellow or orange-color; very attractive and without a rival in this class and color. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Killarney Brilliant. Flower is larger, more double and a more brilliant pink than the parent Killarney. It is also fragrant and blooms freely. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

OFFER 10 One each of the above 4, in 1-yr. size, $1.25, postpaid; 2-yr. size, the 4 for $2.50; Star size, the 4 for $3.50 □

HYBRID TEAS, WHITE, CREAM AND TINTED

		Post-paid 1-yr.	□ 2-yr.	□ ★
Col. R. S. Williamson	Satiny white with deep blush center. Blooms very large. It responds quickly to care and cultivation. A heavy feeder, needing lots of fertilizer	35	65	
F. E. Coulthwaite	Deep cream, shaded bright rose on inside of petals. The blooms are large, full, and beautifully imbricated	35		
★Kaiserin Aug. Victoria	One of the finest. Pure white, shading to lemon. Fine for growing under glass	35	65	$1
★Killarney, White	See description above	35	65	$1
Rene Robbins	Color is tinted lemon, with orange center. The flowers are very large and fine	35		

3 EVER POPULAR LA FRANCE ROSES

★La France. This is probably the most popular Rose in cultivation. Both buds and flowers are of lovely form and grand size, exceedingly sweet; color peach-blossom-pink, elegantly clouded with rosy flesh. Begins to bloom while very small, and continues bearing until stopped by freezing weather. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★White La France. A seedling of La France; extra-large, full, deep, pearly white flowers, delicately shaded with soft rose; exquisitely beautiful and delightfully fragrant. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Duchess of Albany (Red La France). Closely resembles La France, but much deeper in color; the flowers are very double and full and deliciously sweet; color lovely *rose-pink*, very deep and exquisitely shaded. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

OFFER 10a The 3 La France Roses, 1-yr. size, for 90 cts., postpaid; 2-yr., $1.75; Star size, $2.75 □

YELLOW AND COPPER SHADES

Name	Description	PRICES Post-paid 1-yr.	□ 2-yr.	★
		cts.	cts.	cts.
★Duchess of Wellington	Intense saffron-yellow, stained with rich crimson, which, as the flower develops, becomes deep, coppery, saffron-yellow. The blooms are fairly full; petals large and of great substance. Free-flowering and delightfully fragrant. We consider this about the best yellow Hybrid Tea	35	65	$1
★Mme. Melanie Soupert	Delicate salmon-yellow, suffused with carmine. Buds long and delicately colored. A most beautiful Rose, especially in the bud or semi-expanded form. The heavy, shell-like petals are of unusual length	35	65	$1
Mlle. Helena Gambier	A grand everblooming Rose. Lovely canary-yellow, with deep peachy red center, changing to creamy pink as the flower opens	35	65	
★Mrs. Aaron Ward	Fine Indian yellow, sometimes washed with salmon-rose. Flowers are full double and as attractive when full blown, as in the bud state. The young foliage is a rich, bronzy green	35	65	$1
Mrs. T. Hillas	Fine, pure chrome-yellow, without any suffusion. Large, full flowers of elongated cup-shape	35		
Old Gold	Reddish orange with coppery apricot shadings. A single-flowered variety	35		
★Sunburst (See cut)	Orange-copper and golden yellow. A magnificent free-blooming variety, especially handsome in bud form	35	65	$1

RED SHADES. DARK AND LIGHT

★Chateau de Clos Vougeot	Velvety maroon, shaded with fiery red; a remarkable Rose. The darkest in this class		65	$1
Ecarlate (See inside back cover)	Medium-sized blooms of *an intensely brilliant scarlet.* This Rose produces more bloom in a season than any other in this class. Flowers are semi-double and have lovely bright golden anthers in the center	30	60	
★Etoile de France (Star of France)	An exceptionally dark velvety crimson; immense full flowers	35		
Eugene Boullet	Intensely brilliant crimson. A very free bloomer, deliciously sweet-scented	35	65	$1
Francis Scott Key	Deep crimson, passing to carmine. A good bedder; produces a magnificent flower	35		
★Gen. MacArthur (See inside back cover)	Rich crimson-red flowers. Awarded Silver Medal at Hartford, Conn., 1914, by the American Rose Society	35		
General-Superior Arnold Janssen	Brilliant, glowing crimson-scarlet; a splendid garden Rose. Very sweet-scented	35	65	$1
George Dickson	Deep, glowing carmine; large, full flowers	35		
★Gruss an Teplitz (See inside back cover)	Velvety black-crimson, back of petals heavily veined with deep, pure crimson-maroon. Gold Medal, N. R. S.	35		
Hadley	Dark rich crimson, passing to velvety fiery red. An exceptionally free bloomer	30	60	90
Helen Gould	Deep velvety crimson that does not fade. Makes enormous, sweet-scented, perfectly formed flowers	35		
★Hoosier Beauty	Color is rich, vinous crimson. Flowers double and very sweet.	35		
Irish Fireflame	A large, full flower with well-shaped buds; color is an exceptionally attractive, glowing crimson; sweetly scented	35	65	$1
	See description, page 21		65	

The Glorious Sunburst Rose

RED SHADES, continued

Name	Description	PRICES Post-paid 1-yr.	□ 2-yr.	★
		cts.	cts.	
★Laurent Carle	Brilliant, velvety carmine. Flowers large, of perfect form and intensely fragrant. One of the finest Roses grown	35	65	$1
Meteor	Rich, velvety crimson. Very vivid and striking	35	65	
Red-Letter Day	An exceedingly beautiful, semi-double Rose. Its velvety, brilliant, glowing scarlet-crimson buds and fully opened, cactus-like flowers never fade	35	65	
Red Radiance	Clear red which does not fade. Makes a large, double bloom	35		
Rhea Reid	Rich cherry-crimson. One of the most perfectly formed Roses; splendid for cutting	35		
★Richmond	Bright, glowing crimson-scarlet. Produced on long stems, suitable for cutting	35	65	$1

Uncle Sam lost 50 million pounds of Sugar during 1918, in ships sunk by submarines

In Your Gift-Giving Substitute Roses for Candy and Save Sugar

Roses Are Welcome Always. Grow Your Own

Laurent Carle. A grand red Rose

Deliciously Fragrant Tea Roses

The Roses in this class are highly valued because of their fine colors and exquisite tea fragrance. They will bloom freely from June until November. If thoroughly established during the summer, they will, with few exceptions, prove hardy here with protection. Hill the earth up around the stems to a height of 6 or 8 inches for winter protection, or dig the plants in the fall, before the ground freezes, and bury them in a trench, 6 inches deep. Replant in the spring.

Pages 12 and 13 include our complete list of Tea Roses, arranged alphabetically in color groups. We believe that every Tea Rose most worth growing will be found in this list.

SHADES OF RED

Name	Description	PRICES Post-paid 1-yr.	□ 2-yr.	★
		cts.	cts.	
Bon Silene	Noted for the great size and beauty of its buds. Color is bright, rich, rosy crimson. Splendid for bedding	30	60	
Freiherr von Marschall	Dark carmine; buds long and pointed; flowers large, full, and of perfect imbricated form; very fragrant	35		
Mme. de Vatrey	Rich crimson-scarlet	35		
Mme. Margottin	Citron-red, shaded apricot	35		
Mrs. B. R. Cant	This is the Red Maman Cochet. See it illustrated in colors, inside back cover	35	65	$1
Papa Gontier	Rich, rosy red	35		

4 GREAT COCHET ROSES

These are among the very finest hardy everblooming Roses in cultivation. They stand at the head of the list, and are not surpassed by any others in beauty or productiveness. *Millions of Roses will be needed "when the boys come home."*

You can positively rely on having Roses, this year, from each of these four, if you start them this spring

★ Pink Maman Cochet

The flowers are of enormous size, very full and of great depth and substance. Color rich coral-pink, elegantly shaded with rosy crimson; has broad, thick, shell-like petals and makes superb, long-pointed buds; immense bloomer, and flowers the whole season. Deliciously sweet and a hardy, vigorous grower. It ranks among the very finest hardy everblooming Roses. Price, 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

★ Red Maman Cochet

(Mrs. B. R. Cant)

A healthy, vigorous grower, throwing up strong shoots and producing great masses of splendid Roses the whole growing season. Flowers are extra large, perfectly double and deliciously sweet. Color bright rose-red, elegantly shaded and exceedingly beautiful. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★ White Maman Cochet

A splendid Rose; has all the good qualities of Pink Maman Cochet, but is *pure snow-white*, with outside petals tipped pink in the autumn; large and fragrant, hardy and productive. Price, 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

★ Yellow Maman Cochet (Alexander Hill Gray)

One of the best and largest pure yellow Tea Roses yet introduced, superb in every respect. Color is deep lemon-yellow, which intensifies as the blooms develop. This Rose has great substance and perfect formation. It has a high-pointed center, from which the petals gracefully reflex. A splendid autumn bloomer. Deliciously tea-scented. See illustration, page 24. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

~~OFFER~~ 12
Above 4 strong 1-yr. plants for.....$1.10, ppd.
Above 4 excellent 2-yr. plants for .....$2.25 □
Above 4 in large ★ size plants for .....$3.25 □

Rose Specialists — *THE CONARD & JONES CO.*

EVERBLOOMING TEA ROSES

SHADES OF PINK

Name	Description	PRICES Post-paid 1-yr.	□ 2-yr.	★
		cts.	cts.	cts.
Bridesmaid	Large; full; clear rose-pink	35		
Comtesse Riza du Parc	Lovely coppery rose	35		
★Duchesse de Brabant	Clear pink; beautiful, free bloomer; makes splendid buds and large, double, fragrant flowers; excellent for bedding	35	65	$1
Helen Good	Color is a delicate pink, shaded deeper pink at edges	35	65	
Mme. Camille	Clear rosy flesh, passing to salmon-pink; a magnificent Rose for outside planting	35	65	
Rainbow	Coral-pink, striped red	35		
★Wm. R. Smith	Cream-color with soft pink shading, the base of the petals buff-yellow and the center a heart of pink. Makes exquisite buds and entirely double flowers	35	65	$1

APRICOT AND YELLOW SHADES

★Alexander Hill Gray (See cut, page 24)	Deep lemon-yellow which intensifies as the blooms develop. A perfectly formed flower with a high-pointed center	35	65	$1
★Blumenschmidt	Pure citron-yellow, outer petals edged rose. Makes a large, full flower	30	60	90
Etoile de Lyon	Clear, bright golden yellow; makes beautiful buds and is very double and sweet.	30	60	
Harry Kirk	Color is deep sulphur-yellow, with edge of petals lighter. Intensely fragrant		75	
Isabella Sprunt	Bright canary-yellow; fine for cutting	30	60	
Lady Hillingdon	Makes exquisite buds of deep apricot-yellow, shading to orange. Deliciously fragrant. A perfectly formed flower and free-blooming. (See cut.)	35	65	
Lady Roberts	Reddish apricot, passing to deep coppery red, with orange shadings. A wonderfully free bloomer, with most exquisite buds and deliciously fragrant	35	65	
Mme. F. Kruger	Deeply shaded coppery yellow flowers which bloom constantly. Especially			
Marquise de Querhoent	suited for bedding or massing	30	60	
	Persistent bloomer; flowers of good size, prime substance, full and sweet; color, beautiful china-rose, salmon, copper,			
Miss Alice de Rothschild (see cut)	and golden yellow	30	60	
Safrano	*The bush Marechal Niel.* Citron-yellow	35		
Souv. de Pierre Notting	Bright apricot color. An old favorite and still in demand	35	65	
	Rich orange-yellow, marked with carmine-rose. Blooms are large and well formed. (See inside back cover.)	35	65	
Sunset	Orange-yellow, shaded crimson	35		

WHITE AND TINTED SHADES

Bride	Large buds; creamy white; very fine	35		
Devoniensis	Creamy white, with rosy center	35		
Hugo Roller	Light lemon-yellow, sometimes a rich cream-color, dashed with crimson	35	65	
Lady Plymouth	Pearly cream, faintly flushed pink	35		
Mme. de Watteville	Creamy white, edged with carmine	35		
Mme. Joseph Schwartz	White, tinged yellow and blush	35		
Madison	Cream-white, sometimes tinted pink. Similar to Bride, but more vigorous in			
★Maman Cochet, White	growth and a better bloomer	35	65	
	See description, page 12	30	60	90
Marie Lambert	Color, pale lemon-yellow, passing to rich, creamy white	30	60	
Marie Van Houtte	Soft nankeen-yellow, passing to creamy			
Molly Sharman-Crawford	white and shaded rich pink	30	60	
	Delicate greenish white	35		
Mrs. Herbert Stevens	White, with fawn and peach center	35		

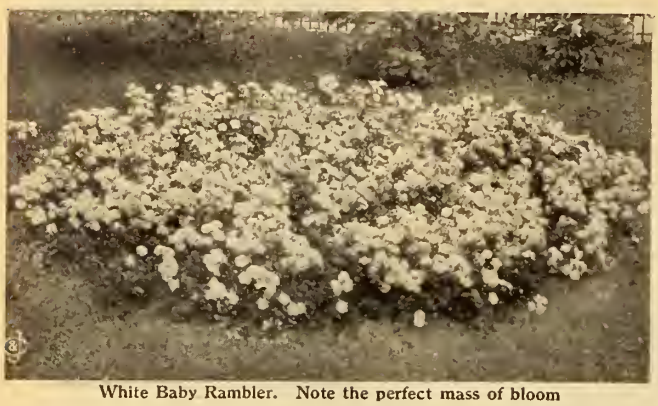
Lady Hillingdon

Wm. R. Smith — A Fine Fall Bloomer

Miss Alice de Rothschild. The bush Marechal Niel

HARDY POLYANTHA or POMPON ROSES

FINE FOR CEMETERY PLANTING—THESE ROSES BLOOM PROFUSELY FROM JUNE TILL FROST



White Baby Rambler. Note the perfect mass of bloom

Ideal for Bordering Beds, Edging Walks, and Planting in Solid Beds

You cannot resist being enthusiastic over this splendid class of Roses for they surpass all others in the quantity of bloom they produce. Being perfectly hardy, low in growth and continuous bloomers, they are taking the place of Geraniums, for once planted they are there to stay and increase in beauty yearly.

In this class are different varieties of Polyanthas, such as the Baby Ramblers, the small-flowered or standard Polyanthas, and the large-flowering kinds, such as the famous, constant-blooming Clotilde Soupert, Marie Pavie and Gruss an Aachen. All are suitable for bordering paths where a continuous show of bloom is desired but for edging flower-beds the bright-blooming, dwarf-growing Baby Rambler types are the most desirable. When planting in quantity you will find it best to use all one color, either Red, White, Pink or Yellow. A planting of mixed colors is usually less effective.

Standard Polyanthas EVERY ONE A WINNER

BABY DOLL. See Tip Top, described below.

BABY TAUSENDSCHON (Louise Walter). The flowers, like Climbing Tausendschon, range in color from deep pink to flesh-pink and white. 1-yr. size only, 30 cts., postpaid.

BETSY VAN NES. Pure bright red; flowers unusually large and double for this class. 1-yr. size only, 30 cts., postpaid.

ECHO. A soft tender pink of the style of Baby Tausendschon, but more vigorous. 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

ELLEN POULSEN. Dark, brilliant pink; large, full; sweet-scented; vigorous, bushy habit. 1-yr. size only, 30 cts., ppd.

ERNA TESCHENDORFF. Flowers darker red than Red Baby Rambler. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

ETOILE DE MAI (Star of May). Flowers orange, passing to canary yellow. 1-yr. size only, 30 cts., postpaid.

MLLE. CECILE BRUNNER (Sweetheart). No Polyantha Rose in existence can surpass this exquisite variety, with its sprays of rich, rosy pink baby buds which open into lovely, perfectly double, miniature flowers of seashell pink. From a row or bed of Mlle. Cecile Brunner you can have flowers all season for wreaths, bouquets, or vases. A few blooms will perfume a room. (See cut.) 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; extra 2-yr., 90 cts. □.

ORLEANS ROSE. Brilliant geranium-red, suffused with rose, center white. Awarded a Gold Medal. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; extra 2-yr., 90 cts. □.

SWEETHEART. See Mlle. Cecile Brunner.

TIP TOP (Baby Doll). The most unique Rose in this class. It contains shades of old-gold, lavender, pink, and tinted white, a bewitching combination. Grows only about 15 inches high. 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

Tea Polyanthas (Large Flowering)

CLOTILDE SOUPERT. Very double and deliciously sweet; beautiful creamy white, deepening at center to a clear, bright pink. Buds do not always open perfectly. 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

GRUSS AN AACHEN. The petals shade from delicate flesh-pink and yellow on the outside to deep salmon-pink in the center of the flower. Makes an immense, perfect flower and very free blooming. 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

MARIE PAVIE. The unsurpassed *Bush Cemetery Rose.* Blooms unceasingly all season. White, with delicate rose center. It is quite hardy and most satisfactory. 1-yr., 35c., ppd.; 2-yr., 65c.; extra 2-yr., $1 □.

DOZEN RATES FOR ROSES ON THIS PAGE:
30-ct. size, $3 per doz., postpaid; 60-ct. size, $6 per doz. □

Use Baby Ramblers for Bright Edging

4 COLORS—RED, WHITE, PINK, AND YELLOW

They bloom unceasingly and are quite hardy. See quantity prices at foot of page

Red Baby Rambler (Mme. Norbert Levavasseur). Grows 18 to 24 inches. Flowers are borne in clusters of 20, 30, or more, resembling the Climbing Crimson Rambler. Always in bloom. 1-yr., 30 cts., ppd.; 2-yr., 60 cts.; extra 2-yr., 90 cts. □.

Pink Baby Rambler (Baby Dorothy, or Maman Levavasseur). Beautiful bright pink. Blooms in masses, like the climbing Dorothy Perkins Rose as shown in illustration on page 17. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; extra 2-yr., 90 cts. □.

White Baby Rambler. Each branch bears from 15 to 50 little creamy white flowers. Note the quantity of bloom shown in illustration at top of page. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; extra 2-yr., 90 cts. □.

Yellow Baby Rambler (George Elger). This Rose is not exactly the Baby Rambler type, as it does not bloom in clusters. The flowers are small and dainty, each bloom being rich chrome-yellow and perfectly double. It produces quantities of these charming, *delightfully fragrant*, double yellow Roses from June till frost, in sprays of from 4 to 6 blooms. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; extra 2-yr., 90 cts. □.

OFFER> 14 1 each of the above 4 continuous blooming Roses, 1-yr. size, $1.10; 2-yr. size, the 4 for $2.25; extra 2-yr. size, the 4 for $3.25 □.

A bed of Mlle. Cecile Brunner (Sweetheart) gives bloom from June till frost. Exquisite bouquets are made with this dainty, free-flowering, fragrant baby Rose

ABUNDANT-BLOOMING, FRAGRANT ROSES

ALL ARE HARDY AND BLOOM ALL SUMMER

BENGALS

ARCHDUKE CHARLES. Rich, bright red; full and double; entirely hardy, excellent for open-ground planting. 1-yr., 25 cts., postpaid; 2-yr., 50 cts. □.

LUCULLUS (Red Pet). The "Black Rose." Splendid rich crimson, full and double. Flowers medium size. 1-yr., 25 cts., postpaid; 2-yr., 50 cts. □.

BOURBONS

BURBANK. One of Luther Burbank's productions and an excellent Rose. Flowers 3 to 3½ inches across, double and sweet; bright rose-pink, shading to silver-rose. *Almost identical with the famous, continuous-blooming Beauty of Rosemawr.* 1-yr., 25 cts., postpaid; 2-yr., 50 cts. □.

★**MME. EUGENE MARLITT.** Fragrant, vigorous-growing and abundant-blooming. Color is rich carmine-red. Flowers are large, full and double. (See this in color on inside back cover.) 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

CHINA ROSES

HERMOSA. Blooms in clusters all season; clear, bright pink; double and fragrant; quite hardy. 1-yr., 30 cts., postpaid; 2 yr., 60 cts. □.

VIRIDIFLORA (The Green Rose). See page 21.

COUSIN OF THE CHINA FAMILY

★**HEART OF FRANCE (Birdie Blye).** *Blooms constantly from early June till freezing weather.* Bright, satiny rose blossoms, quite double, fragrant, and over 3 inches in diameter. The buds are a bright carmine until they open. It is exceedingly hardy, and at this date, November 14, after four heavy white frosts, the plants are still blooming. 1-yr., 35c., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

I am glad to get some Birdie Blye. There is not another semi-climbing Rose known that is such a persistent bloomer, at least in New England climate.—A. J. F., New Bedford, Mass. October 24, 1917.

Heart of France (Birdie Blye). Hardy and an unceasing bloomer. Grows here about 4 feet high

All-Season Blooming Climbers for Moderate Climates

NOISETTES (for the South)

Name	Description	PRICES Postpaid 1-yr.	□ 2-yr.
		cts.	cts.
Cloth of Gold (Chromatella)	Bright yellow	35	
Golden Rambler (Alister Stella Gray)	Rich apricot-yellow, changing to white with yellow center. Very sweet and an incessant bloomer	35	65
Mme. Alfred Carriere	Large, full flowers, double and sweet; color is creamy white, tinged with pale yellow	35	65
Marechal Niel	*The most magnificent of all yellow everblooming climbing Roses*, producing masses of deliciously fragrant, fully double, golden yellow blooms. A vase of these flowers will perfume a whole house. Northern customers should plant "Hardy Marechal Niel" (Gardenia) offered on page 17.	35	65
Reve d'Or (Dream of Gold)	Deep yellow	35	
Wm. Allen Richardson	Large, full flowers of coppery yellow, tinged with carmine; has a delicious fragrance. It produces its flowers very freely, and on account of its unique color is greatly admired	35	

CLIMBING TEAS

Name	Description	PRICES Postpaid 1-yr.	□ 2-yr.
		cts.	cts.
Climbing Bridesmaid	Rose-pink, shaded crimson	30	
Mme. Driout (Striped Reine Marie Henriette)	Pink, striped with carmine. Blooms all summer	30	
Mme. Jules Gravereaux	Pinkish yellow with rosy peach center	35	
Mme. Wagram	Satiny pink	35	
Cl. Maman Cochet Pink	Coral-pink, shaded rosy crimson. See cut, page 12	35	
Cl. Maman Cochet White	Pure snow-white when fully open	35	60

CLIMBING HYBRID TEAS

Name	Description	PRICES Postpaid 1-yr.	□ 2-yr.	★
		cts.	cts.	cts.
★**Cl. Gruss an Teplitz**	Crimson, passing to velvety, fiery red	35	60	90
Cl. La France	Fine peach-blossom-pink	35	65	
Cl. Mme. C. Testout	Clear rich pink finely edged with silvery rose	35		
Cl. Meteor	Makes exquisite buds and beautifully formed flowers. The color is darker red than General Jacqueminot	35	65	
Reine Marie Henriette	A magnificent bright cherry-red; extra-large, full flowers, very double and fragrant	35		
Cl. Souv. of Wootton	One of the most beautiful. Pure rich velvety red flowers of large size and delightfully fragrant. Plant in a sheltered place, with southern aspect	35	65	

CLIMBING POLYANTHAS

Name	Description	PRICES Postpaid 1-yr.	□ 2-yr.	★
		cts.	cts.	cts.
★**Cl. Mlle. Cecile Brunner** (Sweetheart) (At West Grove still blooming freely Nov. 14, 1918)	Small, double flowers which come in beautiful sprays from spring till frost. Color is rich rosy pink on a creamy white ground. Splendid for bouquets. The most free-blooming Hardy Climber we know	35	65	$1
Cl. Clotilde Soupert	Rich creamy white, generally tinted in the center with blush-pink. Flowers very double	35	65	$1
★**Cl. Orleans (New)**	Geranium-red, with white center. Makes immense flower-heads.	40	75	$1

CLIMBING BENGALS

Name	Description	PRICES Postpaid 1-yr.	□ 2-yr.
		cts.	cts.
Empress of China	Fragrant rich red flowers which shade to cherry-pink	30	60
James Sprunt	Deep cherry-red flowers, rich and velvety. Medium size	30	

HARDY MEMORIAL OR WICHURAIANA ROSES

Sun-dial and archway beautified

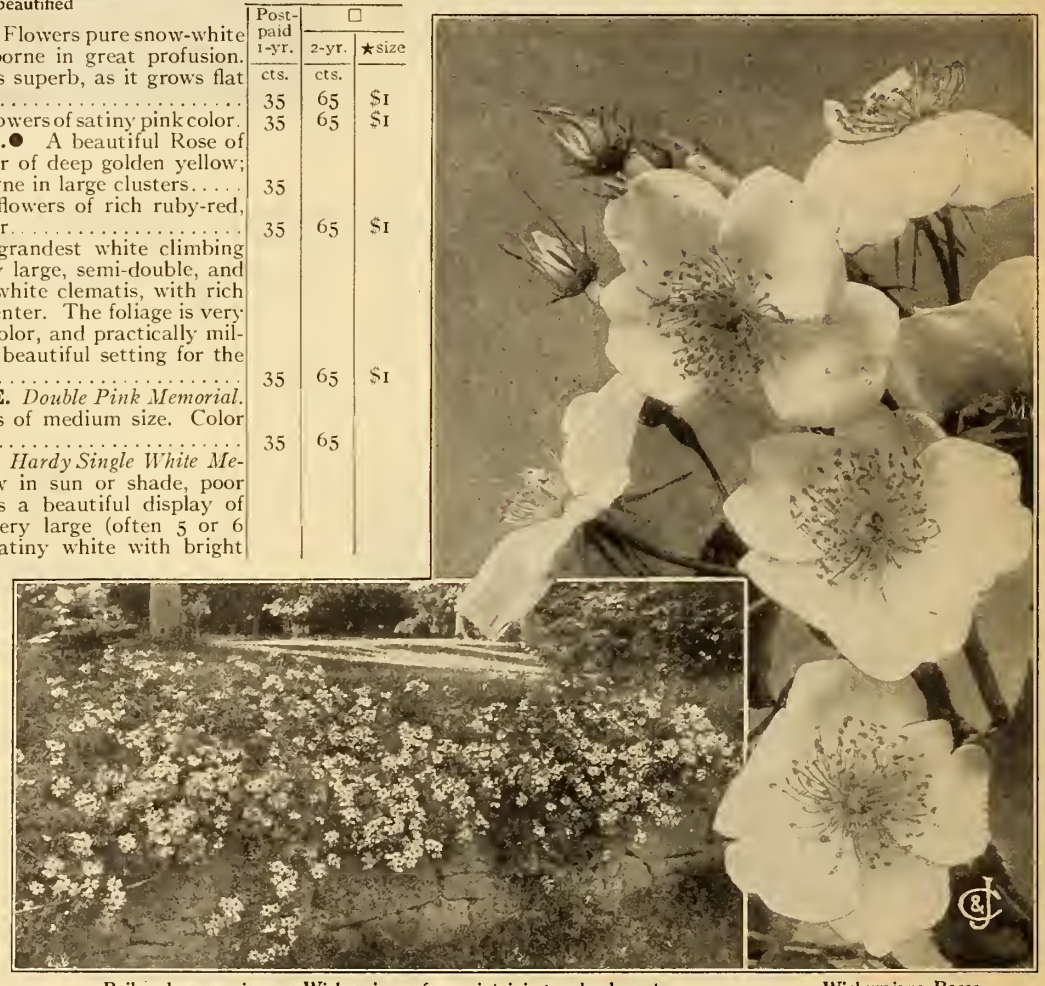
WILL BLOOM LUXURIANTLY IN OUR COLDEST CLIMATE

They will climb when trained, and the kinds marked ● creep along the ground as closely as an ivy and make a dense mat of shiny, dark green foliage. The leaves are of leathery texture, practically insect-proof, and remain green on the plants nearly all winter. They bloom in profusion during June and July, and the single ones bear red berries in the autumn. Hardy, and when once planted take care of themselves. Excellent for training over graves (hence called Memorial Roses) or over rough ground, rocks, or banks.

Use Polyanthas if you want BUSH Cemetery Roses. See page 14

	Post-paid 1-yr.	□ 2-yr.	□ ★size
	cts.	cts.	cts.
AVIATEUR BLERIOT. Rich, deep copper-color. Makes beautiful buds and medium-sized, full, fragrant flowers	35		
★**CORONATION (New).** Makes beautiful sprays of exquisite crimson-scarlet flowers, with a dainty flake of white on some of the petals, which are quilled, giving a soft and unique appearance to each cluster. This Rose has our highest recommendation as it is a new and desirable change in this class	35	65	$1
DAYBREAK. Flowers yellowish pink		65	$1
DOROTHY DENNISON. A very pleasing pink		65	$1
★**EVANGELINE.**● Single flowers 2 inches in diameter. Color white with tips of petals pink; deliciously fragrant. It makes a mat of foliage close to the ground. Excellent for embankments.	35	65	$1
★**HIAWATHA.** Bears large clusters of single flowers of intense deep crimson with the petals shading to pure white at the base; bright, effective, and useful for planting in masses	35	65	90
LONGWOOD. Flowers are produced in immense open clusters and are very durable. Color is pure, light pink. Foliage is large, leathery, and very dark green. A magnificent Rose	40	75	
★**MRS. M. H. WALSH.**● Flowers pure snow-white and perfectly double, borne in great profusion. For covering banks it is superb, as it grows flat on the ground	35	65	$1
MINNEHAHA. Double flowers of satiny pink color	35	65	$1
PROF. C. S. SARGENT.● A beautiful Rose of delicate buff with center of deep golden yellow; flowers very double, borne in large clusters	35		
RUBY QUEEN. Large flowers of rich ruby-red, with a clear white center	35	65	$1
★**SILVER MOON.** The grandest white climbing Rose. Flowers are very large, semi-double, and when open resemble a white clematis, with rich golden stamens in the center. The foliage is very large, bronzy green in color, and practically mildew-proof. It makes a beautiful setting for the magnificent flowers	35	65	$1
UNIVERSAL FAVORITE. *Double Pink Memorial.* Perfectly double flowers of medium size. Color a clear bright pink	35	65	
★**WICHURAIANA.**● *The Hardy Single White Memorial Rose.* Will grow in sun or shade, poor ground or rich. Makes a beautiful display of blossoms, single and very large (often 5 or 6 inches around), pure satiny white with bright golden stamens in center. It is especially useful for growing on embankments, as it grows close to the ground, rooting where the branches touch, so that in time it forms a thick, impenetrable mat. 1-yr., 30 cts., ppd.; 2-yr., 60 cts.; Star size, 90 cts. □.			
WICHMOSS. The climbing Moss Rose. See page 21.			

Read again the descriptions of Coronation and Silver Moon. These are Roses you should have.



Railroad companies use Wichuraianas for maintaining embankments

Wichuraiana Roses

Rose Specialists — THE CONARD & JONES CO.

□ Indicates delivery not prepaid. See page 3. ●These kinds grow close to the ground like an ivy.

FOUR FAMOUS RAMBLER ROSES FOR THE NORTH

FOUR COLORS—PINK, RED, WHITE AND YELLOW. HARDY EVERYWHERE

★DOROTHY PERKINS

Shell Pink

Grows 10 to 15 feet in a season. Flowers are perfectly double, with petals crinkled, and color is a clear shell-pink; borne in immense clusters that cover the bush for several weeks in the spring. (See cut.) Price, 1-yr., 35 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

★RED DOROTHY PERKINS

EXCELSA

The color is an intense, clear carmine-lake, a rich contrast to Pink Dorothy Perkins. Flowers are large and double, produced thirty to forty on a stem, and almost every eye on a shoot produces a cluster of bright blossoms. Price, 1-yr., 35 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

You Surely Have a Place for Some of These Perfectly Hardy Climbing Roses!

YOU CAN USE THEM ON

PORCHES
ARBORS
ARCHES
PERGOLAS
CLOTHES-POSTS, and
OLD STUMPS OF TREES

Grow them on walls to hide unsightly buildings, on tops of banks to hang over the retaining walls; use them in tree-form and have one at every fence-post around your place.

If you need more than four kinds, select from the next two pages.

★WHITE DOROTHY

A pure white sport of the well-known Dorothy Perkins, of same habit of growth and freedom of flowering. A splendid companion for the pink variety, as it flowers at the same time. A most valuable addition to this class. Awarded Gold Medal, National Rose Society, and Award of Merit, Temple Show, England. Price, 1-yr., 35 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

★GARDENIA (Hardy Marechal Niel)

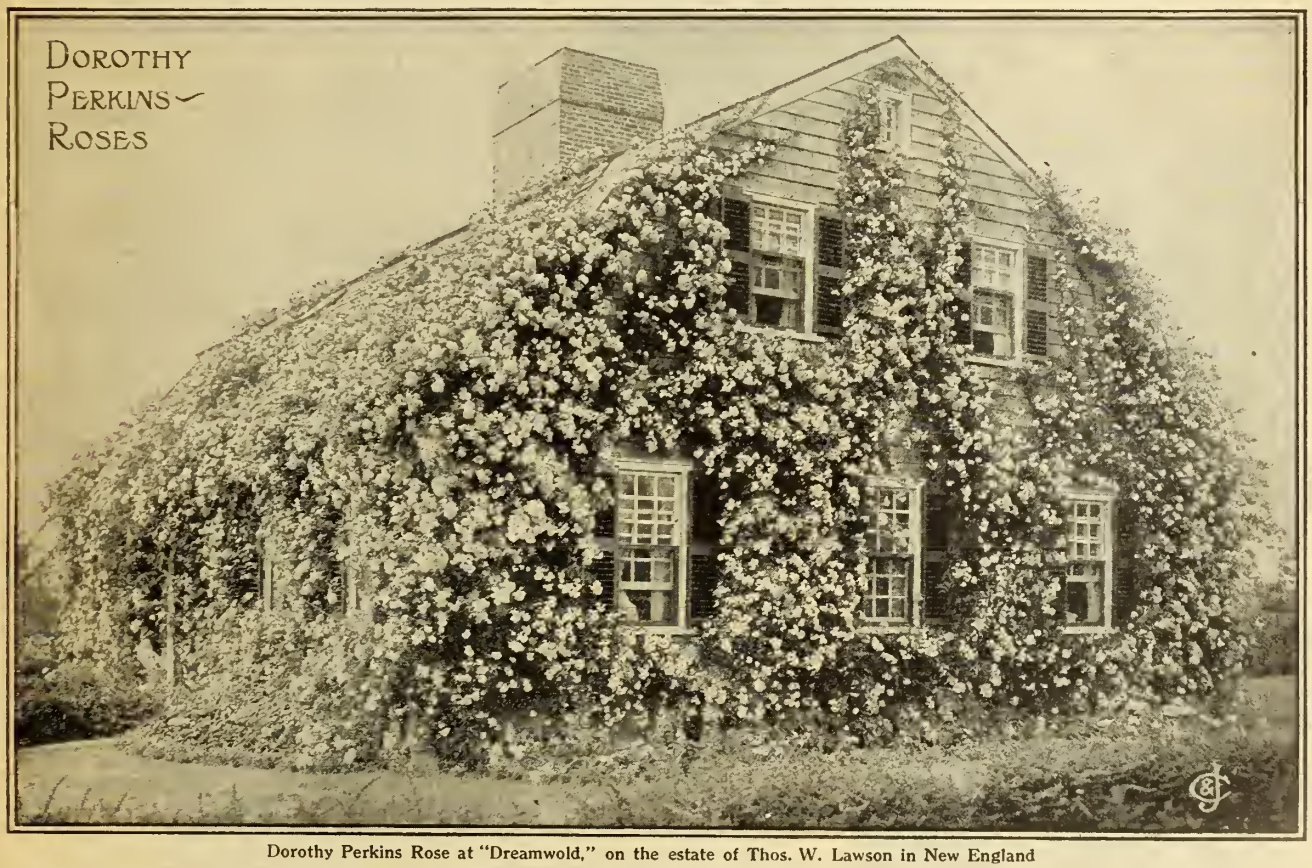
Yellow

Deep, rich golden yellow flowers, passing to creamy white. Blooms profusely and is as hardy as an oak. Flowers large and fine for cutting. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

~~OFFER~~ 17

The above 4 excellent Hardy Climbers, 1-yr. size	$1.25, postpaid	**These need little or no protection; they are hardy everywhere in U. S. A.**
The above 4 excellent Hardy Climbers, 2-yr. size	$2.10 □	
The above 4 excellent Hardy Climbers, Star size	$3.25 □	

WILL *YOU* HAVE A WELCOME FOR THE BOYS FROM THE FRONT? "SAY IT WITH FLOWERS"



Dorothy Perkins Rose at "Dreamwold," on the estate of Thos. W. Lawson in New England

WEST GROVE, PENNA. *Rose Specialists*

FREE-FLOWERING HARDY CLIMBERS

Aunt Harriet

Wichuraiana Hybrids
Large-flowering Types

★AUNT HARRIET

New 1918

Originated by the famous rose-hybridizer, Dr. W. Van Fleet, and introduced 1918 by the *Farm Journal*, of Philadelphia. For porches, arbors, and arches this Rose will prove immensely popular, as it is among the finest of recent introductions in this hardy climbing class. It is a cross between Appoline and Wichuraiana. The wonderfully brilliant coloring and free-flowering habit of Appoline is retained and also the dark shiny foliage and perfect hardiness of Wichuraiana. In full bloom it is amazingly fine with its masses of dazzling scarlet-crimson Roses loading every branch. The bright effect is intensified by the pure white centers and brilliant golden anthers which shine out when the flowers are fuliy open. 1-yr., 50 cts., postpaid; 2-yr., $1.50; Star size, $3 □.

At the last meeting of the American Rose Society, Hartford, Conn., the judges were unanimous in awarding a Certificate of Merit to the rose Aunt Harriet, which has been out only one year. Prof. F. A. Waugh, of the Massachusetts Agricultural College, Amherst, declared that of all the Roses judged he would much prefer to have Aunt Harriet in his own garden.

Aunt Harriet is just opening and it is all that you claimed for it.—E. I. FARRINGTON, Weymouth Heights, Mass.

★CLIMBING AMERICAN BEAUTY

A cross between "American Beauty" and an unnamed seedling. Color rosy-crimson, almost identical with its pollen parent, the American Beauty, and with the same exquisite fragrance, a quality rarely found in climbing Roses. Of strong habit of growth. Will thrive and bloom in almost any situation where a climbing or pillar Rose is desired. Flowers 3 to 4 inches in diameter, finely formed on long stems, are produced in great profusion. The foliage is large, deep green and entirely free from black-spot or mildew. Comes into flower the latter part of May and the first week in June, and continues in full flower for a month or more, with occasional bloom during the growing season. 1-yr., 40 cts., postpaid; 2-yr., 75 cts.; Star size, $1 □.

Climbing American Beauty. Bushels of Bloom

	Post-paid	□	
	1-yr.	2-yr.	★size
	cts.	cts.	cts.
★CHRISTINE WRIGHT. A very strong climbing Rose with large, thick, leathery green foliage, which is proof against mildew or black-spot. The flower is a bright, clear wild-rose pink, 3½ to 4 inches in diameter, double, borne singly and in clusters. The plant is a perfect mass of bloom in June. Beautiful as a post or pillar Rose and perfectly adapted for covering arbors, walls and trellises	35	65	$1
★DR. W. VAN FLEET. *The Flesh-Pink Climbing Rose.* The parentage is Souvenir du Pres. Carnot × *Rosa Wichuraiana.* Open flowers are 4 inches and over in diameter with high-built center and beautifully undulated and cupped petals. The color is a remarkably delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center. Flowers full and double, delicately perfumed; buds pointed; stems 12 to 18 inches long, fine for cutting	35	65	$1

"The Rose with 1,000 Perfect Blooms"

June 27, 1918.

In 1910 I bought of you a Dr. Van Fleet Rose. Last year I cut from it by actual count 1,000 perfect Roses. Many also bloomed and died on the vine. Several dozen went by parcel post to Vermont and were reported to have kept in good condition nearly two weeks. I have not had or seen another Rose grown outdoors with so much of the delicate beauty that is usually produced only in a hothouse.—MISS FAITH BRADFORD, Chevy Chase, Md.

★GARDENIA. The magnificent *Hardy Marechal Niel.* Color is rich golden yellow. Flowers are large, produced on long, strong stems and are delightfully fragrant. The most popular yellow, hardy climbing Rose in existence	35	65	$1
★MARY LOVETT. This is called the White Dr. W. Van Fleet Rose, for in form of flower, freedom of bloom, and general characteristics it is almost identical with the other famous variety. This Rose is *pearly white* and quite double	40	80	$1
MAY QUEEN. Double Roses of enchanting, clear, bright pink, which come in such profusion as to almost cover the bush. A vigorous grower, with good, healthy foliage, and the flowers are deliciously sweet	30	60	90

American Pillar. Magnificent Every Way

My American Pillar Rose that I got from you two years ago was simply glorious—such an abundance of large clusters. I counted 94 Roses on one stem.— MRS. C. A. SWETT, Berkeley, Calif.

From the Editor of the American Rose Annual

THE CONARD & JONES CO. July 20, 1917.

I think you ought to be interested in a postscript I find today on a letter from Professor Sargent (of the Arnold Arboretum). It reads as follows: "Why is not the American Pillar about the best Rose ever produced in the United States? It is a very beautiful Rose for cutting and will keep in good condition for a long time." To all of which I heartily agree.—J. HORACE MCFARLAND.

See Mr. McFarland's photograph on opposite page.

AMERICA. A single-flowered pink climber, closely resembling American Pillar. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

CRIMSON RAMBLER. The old red rambler still favored by some, but here, too liable to mildew to be satisfactory. 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

★**MISS MESSMAN.** The hardy climbing Crimson Baby Rambler. It blooms very freely in June and has a few flowers during the growing season after that, until frost. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

★**PHILADELPHIA.** Splendid flowers 2½ inches across and perfectly double. Borne in grand clusters, completely covering the whole bush. Color pure deep rich crimson, far brighter and more intense than the old Crimson Rambler. Holds its bright, dazzling color a long while, which adds greatly to its value. Has handsome foliage, and is a most abundant bloomer. 1-yr., 35 cts., ppd.; 2-yr., 65 cts.; Star size, 90 cts. □.

★Thousand Beauties (Tausendschön)

Imagine a luxuriant climbing Rose literally covered with thousands of bright blossoms, borne in clusters and quite double. Colors of every imaginable shade, from white to deep pink. A hardy vigorous grower with few thorns and handsome foliage. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

VEILCHENBLAU (The Blue Rose). Flowers are rosy lilac when opening and change to a metallic blue. An immensely free bloomer. 1-yr., 35c., postpaid; 2-yr., 65c. □.

We have always claimed that your firm is the most reliable and skillful grower of Roses in America, and have recommended your house frequently to our friends who have sent you many orders. In all our dealings with your firm, extending over several years, we have always received from you the stock which we bought. The Rugosa Magnifica plants are fine and the Hugonis and the Pillar Roses also. They are the kind of stock that justifies the reputation which your firm has acquired in Rose culture.—A. C. MARTIN, 21 Hillcrest Road, Caldwell, N. J.

MULTIFLORA OR CLUSTER-FLOWERED TYPES

★AMERICAN PILLAR

Introduced by the Conard & Jones Co.

"Most Popular Climbing Rose in Existence." So decided, 1918, by a vote of The National Rose Society of England

If ever there was a rose constituted to stand the trying conditions of our American climate, we have it in this unique, hardy, free-blooming climber. It will thrive in poor soil as well as in rich, and insists on growing vigorously. It has stout, thick, curving branches, rather thorny, but furnished with an abundance of glossy dark green leaves. Each stem has 9 leaflets instead of the usual 7 or 5, a kind of double supply, which gives the bush a very rich effect. It is one of the first to start growth in the early spring, and here holds its leaves of lively green till far past Thanksgiving Day, and never have we seen it troubled with insects. It begins blooming here early in June. Large single flowers of rich, rosy pink approaching brilliant carmine, just a glint of white in the center, and long stamens of beautiful golden yellow. The blossoms—four to six layers deep—are arranged in large-flowered clusters all over the plant. We estimated certainly not less than 3,000 flowers on one young bush. A tremendous grower, with its thick vigorous canes, it is without doubt one of the most valuable single climbing Roses in existence and is unsurpassed for planting singly or as a hedge. In the autumn it is again a brilliant show of color with its pretty clusters of bright red seed-hips which remain on the bush until well into winter. "American Pillar" is truly an ornamental and satisfactory addition to any lawn. 1-yr., 35 cts., postpaid; 2-yr 65 cts.; Star size, $1 □.

For Hedge Purposes

American Pillar makes strong canes that grow upright several feet before bending over, therefore a magnificent hedge can be made with this variety without the necessity of providing a support.

In June the entire hedge becomes covered from base to tip with the exquisite, delicately fragrant blooms, entrancingly beautiful. Dozen rates. 1-yr., 12 for $3.50, postpaid; 2-yr., 12 for $6.50; Star size, 12 for $10 □.

Almost Thornless. Suitable for Arbors

IRONCLAD RUGOSA ROSES

The great Tea Rugosa. Produces bushels of bloom in June and blooms intermittently until frost

For Minnesota, Wisconsin and All Cold Climates

Rugosa Roses and their hybrids seem just suited for our North American climates, as they are so tough and *hardy*. They make dense, sturdy, compact bushes, 6 to 9 feet high, according to variety, and are very ornamental. Their dark, rich, leathery foliage is oddly wrinkled, shiny and remarkably free from insect pests. Some bloom all summer, others but once, but are followed in the autumn with a profusion of beautiful orange-red or crimson fruits. See the illustration in color in our $1 Rose Book. The plants are hardy as oaks, and do well in the most trying places—seashore, mountains, or anywhere. On account of the shapeliness of their growth, these Roses are especially valuable for use as lawn specimens. Being well branched and very symmetrical, they make splendid hedges, having in their favor hardiness and freedom from insects and disease. The thorny nature of the plants helps to make a hedge almost impenetrable. We offer only the choicest varieties.

ALICE ALDRICH. We consider this a remarkably fine bush Rose for garden planting. It has lovely buds and its large, double flowers of clear, bright pink are borne at intervals during the whole growing season; very sweet and beautiful. Price, 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

★**CONRAD F. MEYER.** (The Great Tea Rugosa.) Splendid, large, elegantly formed buds and flowers, 3½ to 4 inches across and perfectly double. Color is clear silvery rose; very attractive; intensely fragrant; hardy and a very vigorous grower. Makes a grand hedge on which you can have blooms from June till frost. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □. (See cut.)

THE CONARD & JONES CO. Mt. Joy, Pa.

Gentlemen; Of the 125 or more different varieties of Roses procured from your company, there is one which demands especial attention and admiration. I refer to the Tea Rugosa Rose, Conrad F. Meyer. This wonderful Rose has been in my possession for five years; is fully 8 feet high and about the same in circumference. We have cut several hundred perfectly formed buds and full-grown flowers of immense size from the bush and about 100 blooms remain . . .—Yours truly, M. B. M.

★**NEW CENTURY.** (Double Pink.) The result of a cross between the lovely everblooming Rose, Clotilde Soupert, and the hardy *Rosa rugosa alba*. The flowers are 3 to 4 inches across, perfectly full and double. The color is clear flesh-pink with light red center, and having all the petals widely bordered with fine creamy white; it is very sweet and has the delightful fragrance of the wild Rose or sweetbriar. Price, 1-yr., 35c., ppd.; 2-yr., 65c.; Star size, $1 □.

Rose a Parfum de l'Hay. Distinctly meritorious; produces an intense and exquisite perfume, because of which it is used to make the attar of roses. (See page 102 in "How to Grow Roses." Price $1.) Flowers bright red, and a very free bloomer. Price, 2-yr. size only, 65 cts. □.

★**Rosa rugosa magnifica.** *Introduced by The Conard & Jones Co.* The color is brilliant carmine which in the buds is very deep. The flowers are large, often 4 to 5 inches across, and are noted for their intense, pungent fragrance which is so strong it scents the air around. *It blooms unceasingly* from late May until November, and its beautiful red berries last well into the winter. The flowers come in clusters, each one a perfect, fragrant bouquet in itself. In June the blooms almost hide the foliage. Makes a magnificent hedge. 2-yr., 75 cts.; Star size, $1.25 □.

★**SIR THOMAS LIPTON (White Century).** We consider this, without exception, the best double white Rose in its class; beautiful in foliage, early and constant in bloom, of most vigorous habit, ironclad constitution, producing a bush 5 or 6 feet high, and as great in diameter. The original bush on our grounds was usually in bloom from the third week in May until November. (See cut.) Price, 1-yr., 35c., postpaid; 2-yr., 65c.; Star size, $1 □.

★**SOUV. DE PIERRE LEPERDRIEUX.** A fine, vigorous grower that bears double flowers in immense clusters; color brilliant, vinous red; deliciously sweet-scented. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

RUGOSA ALBA. Came from Japan. Single, pure white flowers of five petals and highly scented, followed by pretty berries. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

RUGOSA RUBRA. Another from Japan. Flowers a beautiful, bright rosy crimson and single, succeeded by large berries of rich, rosy red. Exceedingly ornamental. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

The Rugosas do well at the seashore where they can be used for hedges, as windbreaks, screens, etc.

OUT-OF-THE-ORDINARY ROSES

Beautiful Hardy Moss Roses

★**BLANCHE MOREAU.** Pure white; large and full. The buds and flowers are furnished with a deep green moss. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

CRESTED MOSS. Perfectly double, pink flowers, beautifully mossed. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

★**HENRI MARTIN.** Medium-sized flowers; bright rosy red; free bloomer. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

The Green Rose

Wichmoss—The Climbing Moss Rose

A real Climbing Moss Rose. Flower is semi-double; color pink, with reverse of petals darker pink. Very hardy. 1-yr., 35 cts., postpaid; 2-yr., 65 cts., extra 2-yr., $1 □.

Striped and Variegated Roses

"York and Lancaster." (**Damask.**) A remarkably vigorous grower and perfectly hardy. It is of rich historic interest, dating back to the Wars of the Roses between the Royal Houses of York and Lancaster; said to have originated when these warring factions became united, its color representing the white of the Yorkists and the red of the Lancastrians. Our illustration gives but a faint idea of its striking appearance; buds and flowers are wonderfully marked, red and white, sometimes blotched and sometimes striped, full and double. We offer only strong, well-established, field-grown plants, grown on their own roots, of this beautiful, sweet-scented, rare old Rose. When established will last a lifetime. 2-yr. size only, $1 □.

York and Lancaster

ROGER LAMBELIN. A most remarkable Rose. Color is a rich glowing crimson, and the notched petals are *edged and banded with pure white*, like a picotee; rare and handsome. Price, 1-yr., 40 cts., postpaid; 2-yr., 75 cts. □.

TIP-TOP (Baby Doll). (T.P.) A constant blooming Polyantha Rose. See description, page 14.

★**VICK'S CAPRICE.** A fine striped Rose of remarkable beauty. The flowers are large and elegantly formed, quite full and double. Color deep, clear pink with wide stripes of pure white, very attractive. Price, 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

Roger Lambelin

Very Unique

Quite Hardy

Two Uniques

THE GREEN ROSE (**Viridiflora**). (See cut.) The curious petals are the same color as the leaves, deep pea-green. Blooms very freely. A freak. 1-yr., 25 cts., postpaid; 2-yr., 50 cts. □.

THE BLUE ROSE. Same type as Crimson Rambler, but the flowers are rosy lilac when opening and change to *metallic-blue*. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

Harison's Yellow

(Austrian Briar)

Flowers are semi-double, bright, *clear* golden yellow. A bush of Harison's Yellow, when fully grown, is a magnificent and heartsome sight in early spring, its blooms coming in such abundance as almost to cover the bush. 2-yr. size only, 60 cts. □.

Mme. Edouard Herriot

(The Daily Mail Rose)

Coral-red bud shaded with yellow on the base; flower of medium size, semi-double, *superb coloring*, coral-red shaded with yellow and bright rosy scarlet passing to prawn-red. 2-yr. size only, 75 cts. □.

The New Chinese Rose, Hugonis

You should have this remarkable Rose. It is the first Rose to bloom in the spring. See front cover and page 4.

True English Sweetbriar

(Rosa rubiginosa)

This is the true Eglantine, and highly valued for the delightful fragrance of its young foliage as well as its pretty pink flowers. Entirely hardy and splendid for hedges. 2-yr. size only, 60 cts. □.

Charming Single Roses

IRISH FIREFLAME. In the spiral bud state it is deep maddery orange, splashed with crimson, which later becomes fiery orange-crimson. Gold Medal, N. R. S. 2-yr. size only, 65 cts. □.

OLD GOLD. Vivid reddish orange, with coppery apricot shadings. 1-yr. size only, 35 cts., postpaid.

HARDY HYBRID PERPETUAL ROSES

The Hybrid Perpetuals are considered the most valuable of all Roses, because they bear the largest, sweetest and most brilliantly colored flowers, and are so hardy and vigorous they live over winter with slight protection, and continue to bloom regularly from year to year. Their grand flowers are of all shades of red, crimson, scarlet, pink, and white, but no yellows. They thrive and bloom finely in all sections of the country, and should generally be planted in the open ground, as but few varieties are suitable for house culture. Some kinds do not bloom till the second year, but when fully established bloom regularly at the usual time and occasionally during the summer and fall months. Though called "Perpetual," they are not constant bloomers, with the exception of a few, such as Charles Wagner, Mme. Masson, Frau Karl Druschki, and Mrs. John Laing, but are the finest and most beautiful of all hardy Roses.

★**ANNA DE DIESBACH (Glory of Paris).** One of the old varieties, introduced in 1858. Color is a beautiful shade of carmine-pink; flowers are extra large, full and very sweet. A Rose that everyone should have. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

BALL OF SNOW. Pure snow-white, sometimes faintly tinged with pale rose; flowers medium size, full and fragrant. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; extra 2 yr., 90 cts. □.

BARON DE BONSTETTEN. Extra-large flowers, very solid, round and full; dark rich crimson, delightfully scented; free bloomer, and of hardy and vigorous habit. 1-yr., 35 cts., postpaid; 2-yr., 60 cts. □.

CAPT. HAYWARD. A Rose of perfect form and very sweet. Color beautiful, bright crimson-carmine. A grand Rose in every way. 1-yr., 35 cts., postpaid; 2-yr., 60 cts. □.

CHARLES WAGNER. A vigorous-growing Rose, with double, medium-sized flowers of clear bright red, approaching scarlet. Blossoms appear in clusters of three to five, of great substance and *exceedingly fragrant.* We consider this Rose the most free-blooming in this class, as it produces immense quantities of flowers in June and has blooms every month until late in the fall, an unusual trait in the Hybrid Perpetual class. 1-yr. size only, 35 cts., ppd.

★**CLIO.** Flesh-color, deepening in center to rosy pink; large, fine, globular form; very free bloomer. An exceedingly strong grower, with fine large foliage, setting off a flower as beautiful as it is distinct. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

COQUETTE DES BLANCHES. Medium-sized white flowers, tinted pink. 1-yr. size only, 35 cts., postpaid.

EUGENE FURST. Strong, vigorous grower. Flower a beautiful shade of velvety crimson, shading to maroon. Highly scented with the same delightful perfume as some of the Tea Roses. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

★**Frau Karl Druschki** or **White American Beauty.** The best White Rose in existence. Pure snow-white, with long buds and immense, perfectly double flowers, 4 to 5 inches across, with wax-like petals and very durable. It is one of the most continuous-flowering Roses in this excellent class. Hardy everywhere that Roses grow. Good for cutting and for garden decoration. *The Garden*, England, says: "White American Beauty is universally admitted to be the finest White Rose in cultivation." 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

THE CONARD & JONES CO.

Gentlemen: Our two-year-old Frau Karl Druschki had 75 buds on it at one time last June and is pronounced by everyone the most beautiful Rose they have ever seen.—MRS. H. C. K., Elm Park, Newton, Iowa.

★**GENERAL JACQUEMINOT.** The premier hardy crimson Rose. Famous the world over. See this offered also on inside front cover. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, 90 cts. □.

★**GEORGE ARENDS.** The color is tender rose-pink, and the flowers are produced in great profusion. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

GLOIRE DE MARGOTTIN. Dazzling red, one of the brightest colored Roses in cultivation; splendid every way. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

GLOIRE LYONNAISE. Color is pale lemon, which is the nearest yellow of any Hybrid Perpetual. The bush is strong and upright, and almost thornless. A grand Rose. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

★**HUGH DICKSON.** Brilliant crimson, shaded scarlet; good size and fine form; petals smooth, slightly cupped and reflexed; free-flowering and vigorous in growth; very highly perfumed. Awarded Gold Medal, National Rose Society of England. 1-yr., 35c., ppd.; 2-yr., 65c.; Star size, $1 □.

★**J. B. CLARK.** Intense, deep scarlet, heavily shaded blackish crimson; foliage bronzy green in the young stage. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □. (See cut, page 23.)

JOHN HOPPER. Clear, bright rosy pink; very fragrant. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

JOHN KEYNES. Rich, dark cherry-red; delightfully sweet. The color turns almost black as the flower ages. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

JUBILEE. The form of this flower is perfect and the blooms are large. Color is very attractive, being a bright, flashing red, shading to velvety crimson of a deep, rich shade. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

MME. CHARLES WOOD. A beautifully formed flower. Color very bright, rich cherry-red; blooms the first season and all the time, and is delightfully fragrant. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

MAGNA CHARTA. Extra-large, full flowers of unusual depth and substance; bright rosy pink; very profuse bloomer on long, stiff stems. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

MARCHIONESS OF LORNE. Bright shining rose; full, finely cupped flowers. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

MARSHALL P. WILDER. Extra-large, full flowers; dark, deep red; very strong grower and free bloomer; very handsome. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

★**MRS. JOHN LAING.** Soft pink, of beautiful form and of very large size; exceedingly fragrant and remarkably free-flowering. One of the most beautiful of all the Hybrid Perpetual Roses. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★**PAUL NEYRON.** Color clear pink. It is said to be the largest Rose in cultivation, often measuring 5 to 6 inches across. See this in color on inside front cover.

★**PRINCE CAMILLE DE ROHAN.** Very dark, velvety crimson, almost black; considered to be the best very dark Rose ever produced. 1-yr., 35c., ppd.; 2-yr., 65c.; Star size, $1 □.

ROGER LAMBELIN. A unique Rose of deep crimson with white-edged petals. See page 21.

★**ULRICH BRUNNER.** Color brilliant cherry-red. This variety is a seedling of Paul Neyron, from which it derives its immense size. See this in color and offered on inside front cover page.

★**VICK'S CAPRICE.** Striped pink-and-white. See page 21.

SPLENDID SETS FOR THE NORTH

We realize that great numbers of people who live in the northern states think that they cannot grow Roses on account of the severe winters; but **Roses** can be grown in any climate, **provided the right kinds are planted,** and we have listed below sturdy, vigorous kinds suitable for the North, most of them deliciously fragrant and all of them hardy and free bloomers when they become established.

Seven Selected Hybrid Perpetual Roses

★**Frau Karl Druschki.** The finest white Rose. See page 22.
★**Paul Neyron.** Immense flowers; clear pink. See inside front cover.
★**J. B. Clark.** Intense deep scarlet, shaded crimson.
★**Ulrich Brunner.** Cherry-red. See inside front cover.
★**Anna de Diesbach.** Carmine-pink; profuse bloomer.
★**George Arends.** Tender rose-pink. Known as the pink Frau Karl Druschki.
★**Clio.** Flesh-color, shaded in center with rosy pink.

OFFER 23. The above 7 magnificent Hybrid Perpetual Roses, 1-yr., $2.25, postpaid; 2-yr., $4; Star size, $6 □

This is one of the best Red Hybrid Perpetuals.

Ten Minnesota Set

★**Heart of France** (Birdie Blye). Rose and carmine. See cut, page 15.
★**Conrad F. Meyer.** The new Tea Rugosa. Flowers large and full, clear silvery rose-color; fragrant. See cut, page 20.
★**Frau Karl Druschki.** Pure snow-white; makes *immense* double flowers; not fragrant. See cut, page 22.
★**General Jacqueminot.** The premier hardy crimson Rose.
★**Blanche Moreau.** A pure white Moss Rose.
★**Vick's Caprice.** White and pink striped. See cut, page 21.
★**Prince Camille de Rohan.** Dark, velvety crimson, almost black.
★**New Century.** Pink with light red center; very fragrant.
★**Paul Neyron.** The largest Rose; clear pink. See inside front cover.
★**Ulrich Brunner.** Large, cherry-red Rose. See inside front cover.

OFFER 23a
Above 10 perfectly hardy Roses.....1-yr. size, $3, postpaid
Above 10 perfectly hardy Roses.....2-yr. size, $5.50 □
Above 10 perfectly hardy Roses.....Star size, $9 □

12 Finest Hybrid Perpetual Roses

★**Frau Karl Druschki.** The finest white in existence.
★**Anna de Diesbach.** Carmine-pink; profuse bloomer.
★**Ball of Snow.** Snow-white, sometimes tinged rose.
★**General Jacqueminot.** The favorite crimson.
★**Paul Neyron.** The largest Rose; clear pink.
★**Prince Camille de Rohan.** Velvety crimson, almost black.
★**Ulrich Brunner.** Brilliant cherry-red; fine.
★**Vick's Caprice.** Very double; striped pink and white.
★**Clio.** Flesh-color, with center rosy pink.
★**George Arends.** Tender rose-pink. Very large flower.
★**Hugh Dickson.** Crimson, shaded scarlet.
★**Mrs. John Laing.** Soft pink. Free-flowering.

OFFER 23b. Above 12 choicest hardy Roses, 1-yr. size, $3.50, postpaid; 2-yr. size, $6.75; Star size, $10 □.

Winter Protection

The Roses in the above sets are so hardy that protection is not necessary, even in the coldest climates. However, if convenient to do so, we suggest that you hill the earth around the stems of the plants, before frost, to a height of 6 or 8 inches and cover this with leaves or strawy manure. Any protection given the plants will benefit them and enable them to give better results next season.

C. & J. 1919 RELIABLE DOZEN

You have in this set sufficient everblooming Roses for a small bed, selected for their quality and a variety of charming colors that will be welcomed in any Rose-garden, however high the standard; also, for the benefit and convenience of those who prefer to leave the selection to us, we offer this C. & J. RELIABLE DOZEN. Whether you live North, South, East, or West, here is a set you may order with confidence. Each variety contains the qualities of a high-grade Rose. They are all strong, vigorous growers, bloom abundantly, and all are among the hardiest in this everblooming class. Just enough in this collection to fill a bed 3 feet wide by 8 feet long. They will bloom the first season and every succeeding season, all summer long, even the one-year size; best about them, however, is the beauty of the flowers, in form, color, fragrance—every way. If planted in your garden, you'll like them. They are guaranteed to bloom the first season or we will refund the cost of any that do not bloom.

LET'S WELCOME OUR BOYS WITH ROSES. THIS SET WILL HELP *YOU* TO DO YOUR SHARE

Alexander Hill Gray. An exquisite, hardy yellow Tea Rose

★Alexander Hill Gray. Color is deep lemon-yellow, which intensifies as the blooms develop; flower large, of great substance and perfect formation; it has a high-pointed center from which the petals gracefully reflex. We have carefully tested this Rose, and find it the most satisfactory yellow variety recently introduced. Gold Medal, National Rose Society of England. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Etoile de France (Star of France). Strong stems to carry the large, fully double flowers, and clean, healthy foliage are characteristics of this most excellent red Rose. It blooms freely, producing its delightfully fragrant, brilliant crimson flowers the entire growing season. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Hoosier Beauty. A large, full flower with well-shaped buds; color is an exceptionally attractive, glowing crimson; sweetly scented. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Jonkheer J. L. Mock. The color is carmine on the outside, and imperial pink on the inside of the flower. The blooms are very large, perfectly formed, and highly perfumed. See cut, page 8. 1-yr., 35c., ppd.; 2-yr., 65c.; Star size, $1 □.

★Kaiserin Augusta Victoria. Extra-large, finely formed flowers; color pure white, shading to lemon. 1-yr., 35c., postpaid; 2-yr., 65c.; Star size, $1 □.

★Lady Alice Stanley. The flowers of this variety are exceptionally full, making the Rose very lasting when cut. It is a strong grower, and the large blooms of deep coral-rose and pale flesh win admiration always on account of the delicate coloring. 1-yr., 35c., postpaid; 2-yr., 65c.; Star size, $1 □.

★Mme. Caroline Testout. In Portland, Oregon, and elsewhere, this variety is in great favor for mass planting along the streets. It is a grand Rose, with large, full flowers and handsome buds, which resemble the famous La France Rose, but the color is clear, rich pink, finely edged with silvery rose. 1-yr. size, 35c., postpaid; 2-yr., 65c.; Star size, $1 □.

★Mrs. Aaron Ward. Fine indian yellow, sometimes washed with salmon-rose. An exceptionally free bloomer. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Mrs. W. Christie Miller. Color is soft pearly blush, shaded salmon. Buds long and pointed. A magnificent Rose. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

★Ophelia. Salmon-flesh color, shaded with rose. The blooms come on strong stems, and the perfectly formed flowers are very lasting when cut. A favorite with everyone who grows it and we commend it highly. 1-yr., 40c., ppd.; 2-yr., 75c.; Star size, $1 □. (See cut, p. 9.)

★Richmond. A splendid Rose for cutting as it makes long, strong stems. Color bright, glowing, crimson-scarlet. 1-yr., 35c., ppd.; 2-yr., 65c.; Star size, $1 □.

★Sunburst. This Rose contains the exquisite and popular orange-copper and golden yellow colors which, with the ray-like petals, give it its descriptive name. 1-yr., 35c., postpaid; 2-yr., 65c.; Star size, $1 □. (See cut, page 11.)

OFFER 24 This Reliable Dozen Roses will produce blooms this summer. The 12 in 1-yr. size, $3.75, postpaid; the 12 in 2-yr. size, $6.75; Star size, the 12 for $10 □.

STAR-SIZE ROSES

In producing our Star Roses, special care is given to selecting the best kinds to grow, and extra attention is given to see that the stock, when growing, is first class in every respect. These Roses, therefore, when they reach our customers, are in prime condition for giving best results, and the testimonials we receive show that in offering these plants we are supplying Roses that give the utmost satisfaction.

The Roses in our catalogue marked with a ★ will help show the way to success in your Rose-garden. *The star will point out the varieties that are in every way reliable and desirable.* Furthermore, we furnish the STAR kinds in extra-large, carefully selected stock; therefore, both as regards the variety and its size, the Star Roses are the best.

16 Everblooming Hybrid Teas ★

See page		Price ★ size, □
11	**Chateau de Clos Vougeot.** Velvety maroon, shaded with fiery red. The darkest red H.T.	$1 00
10	**Duchess of Albany.** Color lovely rose-pink. Resembles La France but much deeper in color	1 00
11	**Duchess of Wellington** (Orange Killarney). Saffron-yellow. Considered the finest Rose in this color	1 00
11	**General MacArthur.** Glowing crimson-scarlet	1 00
11	**Gruss an Teplitz.** Rich, velvety, fiery red	90
8	**Jonkheer J. L. Mock.** Carmine and pink	1 00
10	**Killarney.** Rich imperial pink	$1 00
10	**Killarney Brilliant.** Brilliant pink	1 00
10	**Killarney White.** Large, creamy white	1 00
10	**La France.** Lovely peach-blossom pink	1 00
10	**La France, White.** Snow-white. Beautiful	1 00
9	**Los Angeles.** Luminous, flame-pink. Grand	1 50
11	**Mme. Melanie Soupert.** Salmon-yellow	1 00
11	**Ophelia.** Salmon-flesh, shaded with rose	1 00
9	**Radiance.** Carmine and soft pink	1 00
24	**Richmond.** Bright glowing crimson-scarlet	1 00

OFFER 25 The set of 16 Star Size Hybrid Tea Roses for $14 □

12 Hybrid Perpetuals ★

See page		Price ★ size, □
22	**Anna de Diesbach** (Glory of Paris). Carmine-pink.	$1 00
22	**Clio.** Flesh-color with rosy pink center	1 00
22	**Frau Karl Druschki.** The finest pure white	90
22	**General Jacqueminot.** The favorite crimson	90
22	**George Arends.** Tender rose-pink color	1 00
22	**Hugh Dickson.** Brilliant crimson, shaded scarlet	1 00
22	**J. B. Clark.** Scarlet, shaded dark crimson	1 00
23	**Mrs. John Laing.** Soft pink. Remarkably free-flowering	1 00
2	**Paul Neyron.** Clear pink. An enormous Rose	90
23	**Prince Camille de Rohan.** Dark, velvety crimson.	1 00
2	**Ulrich Brunner.** Brilliant cherry-red	90
21	**Vick's Caprice.** Pink, striped white	1 00

OFFER 25b The set of 12 Star size, perfectly hardy Hybrid Perpetuals, $10 □

6 Finest Polyanthas ★

FOR CONTINUOUS BLOOM

See page		Price ★ size, □
14	**Crimson Baby Rambler.** Crimson clusters. Always in bloom	$0 90
14	**Pink Baby Rambler.** Beautiful bright pink clusters like Dorothy Perkins. Constant in bloom	90
14	**White Baby Rambler.** Clusters of creamy white.	90
14	**Mlle. Cecile Brunner** (Sweetheart). Charming pink	90
14	**Marie Pavie.** Double white fragrant flowers. Blooms unceasingly. *A grand bush cemetery rose*	1 00
14	**Orleans.** Geranium-red, suffused with rose	90

OFFER 25c The 6 continuous blooming Polyantha Roses, Star size, $5 □

THE GRAND NEW SPECIES "HUGONIS" ★
The earliest Rose to bloom. See page 4. Star size, $5 □

STAR SIZE HARDY CLIMBING ROSES ★
See these listed on pages 16 to 19. For bountiful bouquets we specially recommend the large-flowering kinds on page 18.

7 Fragrant Everblooming Teas ★

See page		Price ★ size, □
24	**Alexander Hill Gray.** Lemon-yellow. Splendid	$1 00
13	**Blumenschmidt.** Pure citron-yellow	90
13	**Duchesse de Brabant.** Beautiful, clear pink	1 00
12	**Pink Maman Cochet.** Rich coral-pink	90
12	**White Maman Cochet.** Pure white. Excellent	90
12	**Mrs. B. R. Cant.** Bright, clear rose-red	1 00
13	**Wm. R. Smith.** Creamy pink. An exquisite Rose	1 00

OFFER 25a The set of 7 Star size, everblooming, fragrant Tea Roses, $6 □

This shows how our Hybrid Perpetual Roses grow. The Rose is Paul Neyron. The little lass is "Somebody's Darling." She has a loving message for someone and is going to "Say it with flowers."

SPECTACULAR BEDDING PLANTS

卐 C. & J. GRAND NEW LILY-CANNAS 卐

Continuous Tropical Bloom from June until Frost

They produce more color in greater variety for a longer period over a wider area for the outlay than any other plant. But do not confuse *these* Cannas with the common kinds—their monkey ancestors—which we consider not worth planting. *These* rank with orchids in delicacy of coloring and with Mallow Marvels in size. For quality, Conard & Jones' Swastika Cannas are absolutely unsurpassed.

No. 15297. 9-18-18.

"Just a word. My Cannas are blooming themselves silly, and won't be through until frost nips them. They are 100 per cent success and then some. Have never seen so many shoots from any one bulb since I have been growing flowers. I am thinking of putting in some Tulips, Hyacinths, etc., after taking Cannas out."—R. E. GORDON, Martinsburg, W. Va.

New Canna "The President"

We have carried off first prizes, not only from the international contest held in London before the war, but in every noteworthy exposition in this country—from Chicago, 1893, to the last ones, San Francisco and San Diego, 1915; and now over 20,000 grace the grounds of our National Capital, where they hold aloft the slogan for Swastika Brand Cannas, "Best by Government Test."

Victory Set of 3 New Cannas

卐 The President

Height 4 feet. In color, a rich, glowing scarlet, and the immense, firm, rounded flowers, 7 inches across when open, are produced on strong, erect stalks well above the large, rich green foliage. "The President" is superior to any other red variety in the quantity and also quality of bloom, and the firm flowers resist drought and heat to a remarkable degree. Mr. Wintzer says, "this is one of the most marvelous Cannas ever produced." Strong plants, $1 each, delivered.

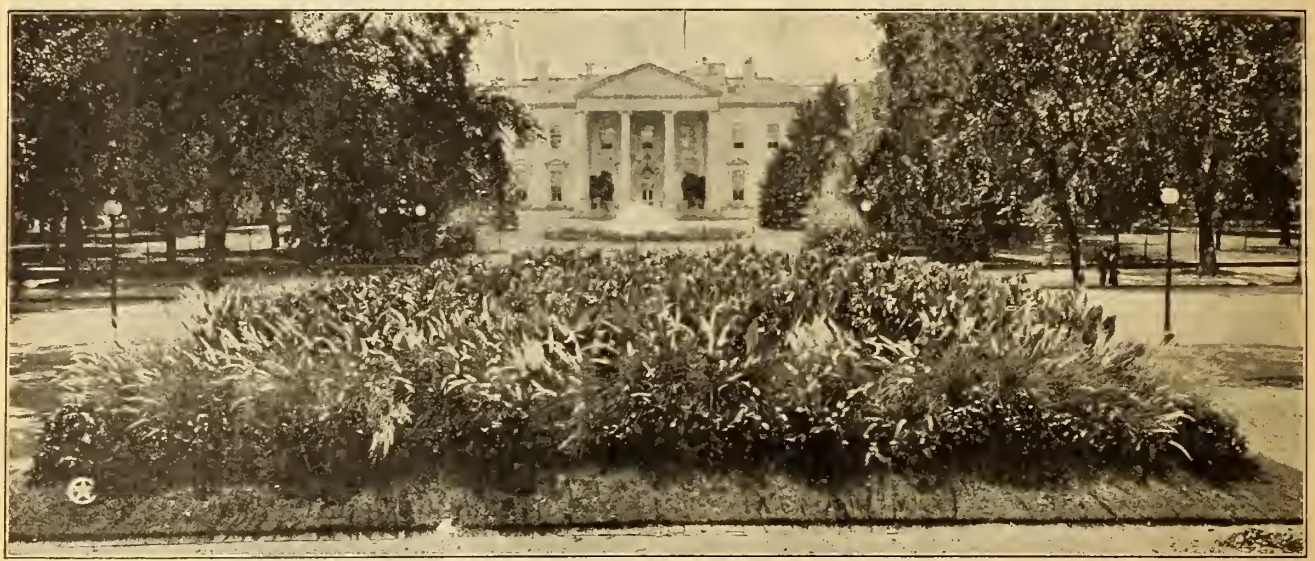
卐 Snow Queen

Height 4 feet. *At last* we offer you a vigorous-growing, white Canna, large in flower and free in bloom. You cannot obtain it elsewhere or find its equal. The flowers are 6 inches across, with rounded petals 2½ inches broad, of firm texture, and having the faintest dots of flesh-pink on the petals, but the effect is snow-white. They are borne well above the luxuriant green foliage on erect, branching heads in large clusters. Strong plants, $2 each, delivered.

卐 Morning Glow

Height 4 feet. A color contrast of more than usual picturesqueness; foliage an olive-green, striped and veined with bronze. A greatly improved descendant of Evolution, with well-mounted flowers of exquisite, soft shell-pink and orange-red center. Strong plants, 40 cts. each, delivered.

OFFER 26 One plant each of the above 3 marvelous Cannas for $3, delivered



The White House, on which the Nation's gaze is fixed. The flowers must be right, so Conard & Jones' Swastika Cannas were selected

CHOICEST VARIETIES ✠ LILY-CANNAS

C. & J. 1919
GOLD MEDAL CANNAS

See them in Color on Back Cover

✠ **Wintzer's Colossal.** **5 ft.** Colossal indeed are the flowers and bloom-heads of this magnificent Canna. The effect produced by the vivid scarlet flowers is very striking. It is the largest-flowered Canna yet introduced, also the earliest, most persistent, and most prolific bloomer. 35 cts. each, postpaid.

✠ **Flag of Truce.** **4 ft.** A large, cream-white Canna with faint pink dots on each petal and a canary-colored tongue. When a short distance from the flowers they appear pure white. 50 cts. each, postpaid.

✠ **Golden Gate.** **4 ft.** The flowers open pure gold but soon become rayed with orange-crimson and apricot, centering to the throat. The tongue is deep apricot. As the flower ages it becomes almost entirely apricot color. 25 cts. each, postpaid.

OFFER 27 One each of above 3 gorgeous Cannas for $1. Started plants, after May 10, $1.15, postpaid.

RECENT NOVELTIES

✠ **Nokomis.** (New, 1918.) **5 ft.** The large, vivid crimson flowers are most attractive, having a rich, silky sheen on the petals and the color is darker than that of any other *bronze-foliaged* Canna with a bloom near this size. $1 each, postpaid.

✠ **Morning Star.** **5 ft.** Perhaps the fanciest of all our 1917 introductions. Large clusters; flowers of brilliant scarlet, petals broadly edged with pure yellow. 40 cts. each, postpaid.

✠ **Lafayette.** **4 ft.** Resembles the famous "Meteor," but the flowers are a more intense scarlet. The heads of bloom are carried erect above the healthy, green foliage; very brilliant in mass planting. 30 cts. each, ppd.

✠ **Pocahontas** (**Bronze Olympic**). **4½ ft.** Large, orient-red flowers, borne on firm, upright stems, just enough above the foliage to show the entire head. The foliage is a *dark bronze-green* with emerald shadings, the ribs a darker bronze. 35 cts. each, postpaid.

✠ **San Diego.** **4 ft.** Chinese orange or Persian yellow in color. The crimped petals are remarkable for substance, which enables them to withstand the hot sun without wilting. 30 cts. each, postpaid.

✠ **City of Portland.** **3½ ft.** Glowing pink, deeper in color than its parent, Mrs. Alfred F. Conard; profuse bloomer. 25c. each, ppd.

OFFER 27a The above 6 Novelties for $2.25, postpaid

FOR BEST EFFECT PLANT YOUR CANNA BEDS ALL ONE COLOR

Dusty Miller makes a beautiful edging for any Canna bed. 12 for $2, postpaid; 100 for $12 □. Plant 6 inches apart.

		Round 7-ft. Bed 19 Cannas		Round 10-ft. Bed 37 Cannas	
		Roots	Plants	Roots	Plants
Choose Any Variety You Wish	15-cent Cannas cost...	$2 15	$2 85	$4 15	$5 65
	20-cent Cannas cost...	2 85	3 50	5 65	7 00
	25-cent Cannas cost...	3 50	4 30	7 00	8 30
	30-cent Cannas cost...	4 30	5 00	8 30	9 70
	35-cent Cannas cost...	5 00	5 70	9 70	11 10
	50-cent Cannas cost...	7 15	7 85	13 90	15 25

Write for prices for larger circular beds. For other shaped beds, allow 18 square inches for each plant.

HOW TO ARRANGE CANNAS IN A CIRCULAR BED

Plant one Canna in center of bed, next six Cannas 18 inches apart in a circular row 18 inches from center. For each succeeding circle use six more Cannas than were used in the previous circle and make 18 inches farther away from the center. A 10-foot bed thus planted will contain one Canna in center, 6 in first circle, 12 in second circle, and 18 in outer circle, all 18 inches apart.

A bed of exquisite salmon-pink **Mrs. Alfred F. Conard** Cannas, beautifying the public grounds at Washington, D. C. A 7-foot bed, 19 Cannas, can be had in roots for $3.50, or plants (after May 1) for $4.30.

STANDARD KINDS—RED SHADES

NAME	Height	DESCRIPTION	Price
	Ft.		
✠ Beacon†	4	Moderate-sized flowers of rich cardinal-red, borne in impressive heads that make a mass of color almost unparalleled	$0 15
✠ Black Prince	5	Maroon flowers; *bronze foliage*	15
✠ Chautauqua ●	4	Scarlet flowers; *bronze foliage*	15
Comte de Sachs	4	Clear crimson-scarlet flowers	15
✠ Conowingo ●	5	Intense, deep, fiery scarlet. Foliage plum-color at the base shading to olive-green at the tip. Flowers are extra large and firm	20
✠ Dragon	3	Dark ox-blood-red; rich color	25
✠ Druid Hill (New)	4	Well-poised heads of rich crimson bloom on Black Beauty foliage of more than usual grace	50
✠ Duke of Marlborough	4	Dark, rich velvety crimson	15
Firebird ●	4	Immense trusses of glistening scarlet. The individual flowers are fine	$0 25
✠ George Washington	3½	Deep velvety crimson	15
✠ Lafayette†	4	See description above	30
✠ Meteor (Wintzer's)	5	Rich dazzling crimson	25
✠ Morning Star	5	See description above	40
✠ Nokomis ●	5	See description above	1 00
✠ Philadelphia†	3	An excellent dwarf crimson Canna that should be used in small beds or for bordering beds of taller Cannas.	15
Pillar of Fire	7	Bright crimson-scarlet	15
✠ Splendor ●	4½	Very large flowers; color intense scarlet. One of our finest new varieties.	20
✠ The President ●	4	See description, page 26	1 00
✠ Wm. Saunders†	4	Individual flowers often 5 in. across; bright scarlet; *foliage bronze*	25

NOTE.—Prices named are for dormant roots. Potted plants will be ready May 10, price, 5 cts. each additional, all postpaid.
✠ Indicates varieties originated and introduced by The Conard & Jones Company. † Best for bedding. ● Largest individual flowers.

CHOICEST VARIETIES ✠ LILY-CANNAS

WHITE AND YELLOW SHADES

NAME	Height	DESCRIPTION	Price
	Ft.		
✠ Blanche Wintzer	3½	Less robust than Snow Queen or Flag of Truce, but the flowers are pure snowy white and very beautiful	$0 60
✠ Buttercup	3	Bright buttercup-yellow	15
✠ California†	4	Pure rich orange-gold, a color that harmonizes with all others. Particularly fine when massed	15
Director Holtze	3	Bright yellow, dotted with rose	15
✠ Flag of Truce	4	Cream-white, faintly dotted pink	50
✠ Gladiator†	5	A leader for years. Color is bright yellow, spotted with red. No other bedding Canna in this color can surpass this sturdy, robust grower.	15
✠ Golden Gate† (See back cover.)	4	The flowers open pure gold but soon become richly rayed with orange-crimson and apricot, centering to the throat. Tongue is deep apricot.	25
✠ Jane Addams ●	4½	True, bright buttercup-yellow. The buds are pretty, dark maroon	25
✠ Juanita ●	4½	Bronzy orange - color with *golden bronze foliage*. An exceptionally attractive flower with a distinct and unusual color	20
✠ Princeton	4	An intense yellow with red throat. Resists bleaching better than other yellow Cannas	35
✠ Queen of Holland	3	Color, deep rich orange	25
Richard Wallace	4½	Canary-yellow	15
✠ San Diego	4	See description, page 27	30
✠ Snow Queen	4	See description, page 26	2 00

PINK—LIGHT AND DARK SHADES

NAME	Height	DESCRIPTION	Price
	Ft.		
✠ Betsy Ross†	3	Rose-pink; valuable on account of its dwarf habit. Good for bordering beds of taller pink Cannas	$0 15
✠ City of Portland†	3½	See description, page 27	25
✠ Eastern Beauty	4	Light salmon; *bronze foliage*	15
✠ Evolution	4	Flowers rich pink; *bronze foliage*	15
Hungaria†	3½	Rose-pink; a very free bloomer, possessing a delicate shade of color not known in any other Canna	20
✠ Maid of Orleans	4½	Cream, mottled with soft pink	20
✠ Mrs. Alfred F. Conard ● †	4	The grandest salmon-pink Canna ever introduced. Magnificent heads of perfectly formed, firm, lasting flowers of almost indescribable beauty.	25
✠ Mrs. Woodrow Wilson ●	4	Similar to the Mrs. A. F. Conard in color, but a deeper pink	35
✠ Pocahontas (Bronze Olympic) ● †	4½	See description, page 27	35
✠ Rosea gigantea ● †	3½	Giant flowers of soft rose to carmine-pink. This Canna has been used extensively for years on the public grounds at Washington and is still high in favor as an unusual pink bedder	25
✠ Venus†	4	The color is gay, rosy pink with a well-defined border of creamy yellow. An incessant bloomer	15
✠ Wabash†	4	The *bronze - leaved* Rosea gigantea. Flowers are carmine-pink and very large. An unusual Canna	20
✠ Wawa	3	A new shade of soft pink	25
Zenith	5	Orange-pink or salmon	15

VARIEGATED KINDS

NAME	Height	DESCRIPTION	Price
✠ Chameleon	5	Orange, striped red and pink	$0 25
✠ Gaiety†	5	Reddish orange, mottled with carmine and edged with yellow. The tongue is yellow, spotted with carmine. A magnificent, bright bedder	25
✠ Gladioflora†	3½	Crimson, changing to carmine-rose and edged with gold. An exceptionally free bloomer	15
✠ Niagara	3	Rich deep crimson, with a wide, irregular border of deep golden yellow	20
Souv. d'A. Crozy	3	Red, bordered with golden yellow	15

GIANT ORCHID-FLOWERING CANNAS

NAME	Height	DESCRIPTION	Price
Indiana	6	Glistening golden orange	$0 15
Italia	4	Brilliant red, bordered yellow	15
King Humbert†	4	Bright orange-scarlet streaked with crimson; *magnificent bronze foliage*.	15
✠ New York ●	5	Scarlet; foliage *rich plum-color*. One of the finest in this class	15
Queen Helen†	5	This is called the *Yellow King Humbert*. Flowers canary-yellow, sometimes blotched bright red	35
Uncle Sam	7	Brilliant orange-scarlet flowers	15
✠ Wintzer's Colossal ● † (See cut)	5	The grandest red Canna. See this in color on back cover	35
Wyoming ●	7	Blossoms orange-colored; of immense size; foliage is *purple*	15

NOTE.—Prices named are for dormant roots. Potted plants will be ready May 10, price, 5 cts. each additional, all postpaid.
✠ Indicates varieties originated and introduced by The Conard & Jones Company. † Best for bedding. ● Large individual flowers.

No. 23981. See description, p. 27 October 22, 1917.

I feel that I must say a word in regard to the Wintzer's Colossal Canna Bed. I only wish someone from your firm could have seen it. It was beautiful and the flowers bloomed constantly until a few days ago.—Mrs. L. H., Parkesburg, Pa.

Mr. Wintzer, the originator of ✠ Cannas

How to Grow Cannas

Plant a glowing bed of Cannas this year and have magnificent tropical bloom from June till frost.

In Washington, thousands of C. & J. Cannas are planted yearly on the public grounds *because*, for lawn display, they are the brightest, grandest, most satisfactory flowers to be had. See prices for beds on page 27.

Dormant Canna roots may be started indoors during March or April, but should not be set out until weather is settled and the ground warm—usually May or June in this latitude. When planting dormant roots, do not set too deep. The eye should show a little through the ground when done. Plant in good, rich garden soil mixed with one-half of old, rotted stable manure. Set them about 18 inches apart each way. Water sparingly the first two weeks after planting; when growing freely, water liberally.

USEFUL ORNAMENTAL HEDGES

AND HARDY BORDERING PLANTS

This is the new Box Barberry used for edging. Does not winter-kill

CALIFORNIA PRIVET (*Ligustrum ovalifolium*)

Most Popular Hedge-Plant

Thrives in all kinds of soils and situations, in sun or shade, around railroads or smoky factories, and for seashore planting it is one of the best hedge-plants known. Plant 6 to 9 inches apart. Our plants are thrifty and well rooted.

	100	1,000
12 to 18 inches	$5 00	$40 00
18 to 24 inches	6 00	50 00
2 to 3 feet	7 00	60 00
3 to 4 feet	8 00	70 00

NOTE: These plants will be trimmed back, before shipping, to save space in packing and cost of transportation.

25 at 100 rate, 250 at 1,000 rate, *by express only*

BOX EDGING (*Buxus sempervirens suffruticosa*)

The old-fashioned dwarf edging plant. Grows only about 15 inches high. Always dwarf and of slow growth, hardy and evergreen. Plant in single or double rows 4 to 6 inches apart. Home grown stock. Price, 4- to 5-in. plants, 2-yr. old, very bushy, $3 per doz., $25 per 100 □.

Japan Barberry grows only 4 feet high and makes a hedge that is chicken-proof and dog-proof. A beautiful, living, garden fence

THE NEW BOX-BARBERRY

An exquisite, new, perfectly hardy edging for formal beds. Makes shapely, upright plants, 18 inches high, when fully matured, but can be kept 6 inches high by trimming. Our stock is grown from cuttings made from the original plant.

This new *dwarf* Barberry comes to fill a long-felt need for an edging plant that is dwarf in growth, free from all diseases and insect pests, and *absolutely hardy* everywhere in the United States. The foliage is small and dainty. The young leaves are a beautiful emerald-green in the spring, changing to a pleasing, soft green during the summer and bright red in the fall. In many parts of this country, garden-beds had to be bordered annually or not at all, as there was no perfectly hardy edging plant to use, but now no garden need be incomplete on this account.

Border your rose-beds, also your perennials and annuals, with this neat, upright, hardy, little shrub. Our illustration shows how neat a garden can be. Plant *4 inches apart* for a low border and keep the plants pruned to whatever height you want. They can be trimmed at any time without injury. The one-year size is best for using in garden borders. Price, 1-yr. size, $3 for 10, postpaid; $20 per 100 □. 2-yr. size, $4 for 10; $30 per 100 □.

California Privet. Can be trimmed and shaped at any time without injury

JAPAN BARBERRY

(*Berberis Thunbergii*) Hardy Everywhere

Neatly Kept Hedges Give That Finished Effect to Your Home

We have 10 miles of Barberry

Read description below given by U. S. Department of Agriculture. Buyers for important park systems come *to us* for Barberry, because our stock is grown, not from seeds, but from cuttings, and produces a uniform, shapely hedge. 1-yr. size, 20 cts. each, $1.50 for 12, postpaid.

Prices by express collect:	Each	Doz.	100
1-year size, from 3-inch pots		$1 25	$10 00
2-year size, 12 to 18-inch plants	$0 30	2 50	15 00
2-year size, 18 to 24-inch plants	35	3 00	20 00
3-year size, 18 to 24-inch plants	40	3 50	25 00
3-year size, 2 to 2½-foot plants	50	4 50	35 00

BANISH COMMON BARBERRY

The U. S. Government has requested that every possible plant of the *Common Barberry* be destroyed because it harbors a pest that is injurious to the wheat crop.

This does not apply to the Japan Barberry, which the Government urges you to plant.

"JAPAN BARBERRY HARMLESS"

An extract from a letter distributed by U. S. Department of Agriculture

"The Japan Barberry (*Berberis Thunbergii*) does not rust; it is harmless and need not be destroyed. It is more beautiful, both in summer and winter, than the common Barberry and can be distinguished from it quite easily. The edges of the leaves of the common Barberry are toothed, while those of the Japan Barberry are not; the spines of the common variety are usually in groups of three, while those of the Japan are usually single. Both have red berries, but those of the common form are borne in racemes like currants, while those of the Japan form are borne singly like gooseberries." Plant a Hedge.

HARDY PERENNIAL PLANTS

Adam's Needle (Yucca)

Or Old-Fashioned Garden Flowers

Valuable for adding brightness and color to the border beds, and a comparatively small collection will enable you to have some flowers in bloom all summer through. Useful as cut-flowers.

The first figure after a variety indicates height of growth. The next figures indicate the months the flowers bloom in this locality. Some variations must be allowed according to latitude.

. DIRECTIONS. We send you most of these in strong roots. Allow from 1½ to 4 square feet of space for each. After the first severe frost in the fall, cut down the tops to within 3 inches of the ground, and give the bed a good coat of half-rotted manure, which will protect the plants and enrich the ground; dig this under in the spring before new growth starts.

Price: Unless otherwise noted, 25 cts. each, 12 for $2.50, postpaid (remember that our postpaid prices include delivery charges for which many other firms charge *extra*), **or $18 per 100 □. 25 or more at hundred rate.**

Achillea alba, **The Pearl.** 2 ft. 6–10 mo. Bears an abundance of pure white, perfectly double flowers, which are borne in pretty, graceful sprays. 25c. ea.

Adam's Needle, or **Spanish Bayonet** (*Yucca filamentosa*). 3–5 ft. 6–7 mo. A low-growing, tropical-looking plant; bears enormous clusters of creamy white, bell-shaped flowers. (See cut.) 25 cts. each, postpaid.

Anchusa italica. **Dropmore Variety.** 3–5 ft. 5–6 mo. Splendid long spikes covered from base to tip with rich gentian-blue flowers, excellent for cutting. 30 cts. each.

Anemone japonica. **Queen Charlotte.** 2–3 ft. 8–frost. Bears large, semi-double, flesh-pink flowers. 25 cts. each.

AQUILEGIA (Columbine). 25 cts. each.

Canadensis. 1–2 ft. 4–6 mo. Red and yellow.
Chrysantha. 3–4 ft. 5–8 mo. Yellow.
Nivea grandiflora. 12–18 in. 4–5 mo. White.
OFFER 30 1 each of the 3 colors for 70c., postpaid

Scotch Hybrids. Grown from a special strain of imported seed. Flowers extra large and fine. Every shade of Aquilegias is included. Mixed colors, 25 cts. each.

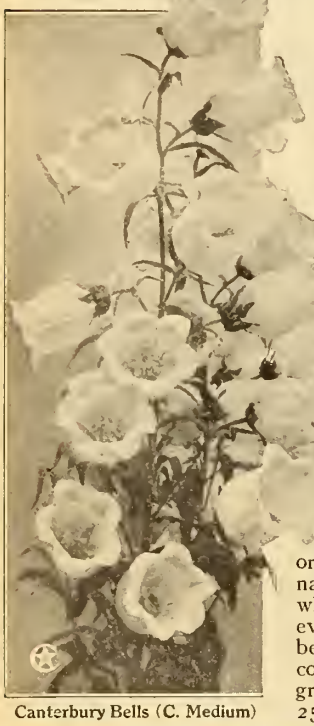
Hardy Aster. (**Michælmas Daisy,** or **Starwort**). 9–10 mo. Makes great panicles of starry blossoms. 25c. ea.

Climax. 5–6 ft. Lavender.
Feltham Blue. 2–3 ft. Aniline-blue.
Top Sawyer. 4 ft. Violet.
White Queen. 4–5 ft. Pure white.

OFFER 30a. The 4 Hardy Asters for 90 cts., postpaid

Campanula persicifolia (**Bellflower,** or **Blue Bells**). 1–2 ft. 6–7 mo. Large, deep blue, salver-shaped flowers. 25 cts. each.

C. Medium (Canterbury Bells). 3 ft. 8 mo. In blue, rose, and white. Mixed colors. 25 cts. each. (See cut.)



Canterbury Bells (C. Medium)

Coreopsis lanceolata grandiflora. 2–3 ft. 6–9 mo. **Emblem Flower of the International Sunshine Society.** Flowers rich golden yellow. They remind one of a yellow cosmos. 25 cts. each.

Cornflower Aster (*Stokesia cyanea*). 1½–2 ft. 7–10 mo. Fine, large, lavender-blue flowers, 4 to 5 inches across; magnificent. 25 cts. each.

Delphinium **Belladonna, the Ever-blooming Hardy Larkspur.** (See cut, page 31.) 2–3 ft. New. Flowers are clear turquoise-blue; very free flowering. This variety is never out of bloom from the end of June until cut down by frost. 35 cts. each.

Formosum. 3–4 ft. 6–8 mo. Beautiful, dark blue flowers with white center. Vigorous in growth and free flowering. 25 cts. each.

Eulalia gracillima

HARDY ORNAMENTAL GRASS

You can find few plants more effective on a lawn than this hardy ornamental grass. It has slender, narrow, green leaves, 4 to 5 feet long, which bend and sway gracefully with every passing breeze. An added beauty in the fall is the pinkish colored, plume-like seed-heads which grace the center of each clump. 25c. each, postpaid; clumps, 35c. □.

Daisy, Burbank's Shasta, Alaska. 1½–2 ft. 7–10 mo. Splendid, large, showy flowers of glistening white with golden disks; hardy; lasting when cut and beautiful in bouquets. 25 cts. each. (See cut below.)

Digitalis (**Foxglove**). 3 ft. 7 mo. (See cut, page 31.) The bold, pointed racemes of cone-shaped flowers are odd and attractive. This is one of the few flowers that do well in a shady place. It should be planted in clumps of from three to twelve for best effect. Mixed colors only. 25 cts. each.

Hardy Pompon Chrysanthemums

These are the most brilliant and showy autumn flowers we have. They bloom so abundantly that, from a few plants, armfuls of flowers can be gathered for indoors. Their fresh, spicy fragrance has a charm no other flower possesses, and the blooms come at a time when nearly all other flowers have gone. See that they get well fertilized during the summer, and the result will delight you for weeks before winter closes in.

Price for all (except noted), 25 cts. each, postpaid

Golden Climax. Orange-yellow. Impossible to improve variety. 30 cts. each.
Brown Bessie. Lovely, little, dark brown flowers. Very double. 25 cts.
Doris. Beautiful dark red, tipped with gold. 25 cts.
Du Pont de L'Eure. Rich amber-yellow. 25 cts.
Fairy Queen. The finest pink variety. Makes beautiful bouquets. 25 cts.
Golden West. Bright, shining yellow. Very fine. 25 cts.
Lillia. A solid dark red, very rich and an amazingly free bloomer. Splendid for cutting. 25 cts.
Princess Louise. Crimson and bronze. A fine combination. 25 cts.
Zenobia. A most attractive bright, clear yellow. 25 cts.

OFFER 31 The entire set of 9 Hardy Pompon Chrysanthemums, comprising the choicest kinds grown, for $2, postpaid.

Hardy Pompon Chrysanthemums

Funkia grandiflora

(Plantain Lily or Large White Day Lily) 2½ to 3 ft. 8-9 mo.

This plant succeeds equally well in sun or shade and its broad, massive foliage makes it attractive even when not in bloom. The pure white, lily-shaped, fragrant flowers come in August and September and are very showy. 25 cts. each, postpaid.

Gaillardia grandiflora **(Blanket Flower).** 2 ft. 6–10 mo. Red center with scarlet and yellow edge. 25 cts. each.

Golden Glow **(Double Rudbeckia).** 5–7 ft. 7–9 mo. Golden yellow flowers. 20c. each, postpaid; clumps, 25c. each, by express.

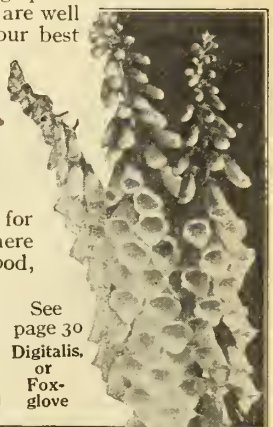
Gypsophila paniculata fl.-pl. **(Baby's Breath).** 2–3 ft. 6–7 mo. White flowers, like little rosettes, lacy stems. Makes exquisite bouquets. 30 cts. each.

Hemerocallis **(Yellow Day Lily).** 3–4 ft. 7–8 mo. Lily-like flowers, golden yellow, with carmine marking. This is one of our best native lilies and it grows and spreads quickly, making beautiful clumps of attractive flowers. 25 cts. each, 2 for 40 cts., $2.25 per doz., postpaid.

Hibiscus, or **Marsh Mallow.** *Flowers 6 to 7 inches across.* (See cut.) 2 kinds.

Moscheutos. 3–5 ft. 6–8 mo. Light rosy red. 25c.
Crimson-Eye. 4–6 ft. 7–8 mo. White, center crimson. 25c., ppd.; 2-yr., 35c.; 3-yr., 50c. □.

Hollyhocks, Double. 6–7 ft. 6–9 mo. The long spikes of short-stemmed, rose-like flowers are well suited to grow against the wall or fence. Four best colors—**Yellow, Crimson, White,** and **Pink.** (See cut.) 25 cts. each. **One each of the 4 colors, 85 cts.,** postpaid.
Single. 6–7 ft. 6–9 mo. Mixed colors, 20 cts. each, 3 for 50 cts., $1.75 per doz., postpaid.



See page 30 Digitalis, or Foxglove

Hardy Ferns for Shady Places

These Hardy Ferns are most satisfactory for planting on shady banks and around porches, where the sun does not reach. They do well in any good, well-drained soil and require practically no care.

HARDY LADY FERN (*Asplenium Filix-fœmina*). 10–12 in.
EVERGREEN CHRISTMAS FERN (*Aspidium acrostichoides*). 12 in.
30 cts. each, 4 for $1.10, postpaid; 12 for $3; 100 for $20 □

Delphinium (Everblooming Larkspur)

Hibiscus or Marsh Mallows

Hardy Ferns for Shady Places

Double Hollyhocks

□ Indicates delivery not prepaid. See page 3

CHOICEST IRIS, LOBELIA, LYCHNIS AND PEONIES

LARGE-FLOWERING Japan Iris (*Iris Kaempferi grandiflora*)

The grandest of all hardy Iris. The flowers are enormous, averaging from 8 to 10 inches across, and of most gorgeous and exquisite colors, each flower usually showing several shades. They bloom during June and July, 12 to 18 inches high.

DOUBLE VARIETIES (6 Petals)

No. 69 Pure white, veined purple.
No. 109 Light violet-blue, veined white.
No. 156 Rich indigo-blue.
No. 4 Pure snowy white.

SINGLE VARIETIES (3 large Petals)

No. 2 Pure white, traced violet.
No. 25 Mottled purple and white.
No. 70 Grey-white, purple veined.
No. 100 Light ground, suffused purple.

Price of any of the above, 30 cts. each, postpaid

OFFER 32 Any 6 above for $1.60, or the set of 8 for $2.10, postpaid

JAPAN IRIS, MIXED VARIETIES

Named varieties, but not labeled. 25 cts. each, 3 for 65 cts., $2.50 per doz., postpaid.

Fleur de Lis, or Liberty Iris

The National Emblem of France

These Irises are easily grown and for best results should be planted in a well-drained, sunny position, the roots barely covered. The flowers are large and handsome, and exhibit every variety of color in beautiful variegations and shades. They flower in May and June. (Formerly known as German Iris.)

NEW LIBERTY IRIS, Sherwin Wright. A perfect golden yellow color, without markings or shadings. Vigorous-growing and free-blooming. Price 50 cts., postpaid.

La Tendresse. Soft blue, shading lighter blue. 25 cts. each.

Florentina Alba. Fine, free flowering white. 25 cts. each.

Mme. Chereau. White, edged light blue. 25 cts. each.

Mrs. Darwin. White, violet, and gold 25 cts. each.

Liberty Iris, Mixed. Our selection from named kinds, not labeled. 20 cts. each, $2 per doz., postpaid.

Iris pumila hybrida

Cyanea. Very showy, rich royal purple with blackish shadings; early flowering; dwarf. 30 cts. each, postpaid.

Iris pallida speciosa

A vigorous grower, with large, sky-blue flowers. Unusually fine. 35 cts. each, postpaid.

Beautiful Iris or Fleur de Lis

Lobelia cardinalis (Cardinal Flower). Rich, fiery cardinal flowers; grow 1 to 2 ft. high. 20 cts. each, postpaid.

Lychnis chalcedonica. Also called Maltese Cross, or Scarlet Lightning. Heads of single vermilion-scarlet flowers; plants grow 2 to 3 ft. high. 20 cts. ea., ppd.

Peonies make grand cut-flowers

EIGHT GRANDEST PEONIES

COURONNE D'OR. White with a blotch of red in the center around which is a halo of yellow. 75 cts. each, postpaid.

DELICATISSIMA. Color is dainty lilac-rose. Large double blooms; fragrant. 75 cts. each, postpaid.

FELIX CROUSSE. A leading red Peony. 85 cts. each, postpaid.

FESTIVA MAXIMA. Flowers snow-white, with a beautiful flake of carmine in center. 60 cts. each, postpaid.

GRANDIFLORA. Bright seashell-pink, overlaid with delicate lilac and salmon-pink. 75 cts. each, postpaid.

MODESTE GUERIN. Color a uniform solferino-red. Very free flowering and fragrant. 75 cts. each, postpaid.

MONS. JULES ELIE. Glossy pink. "The King of All Peonies." Very fragrant. $1 each, postpaid.

RUBRA SUPERBA. Brilliant deep crimson without stamens. Very fragrant. 60 cts. each, postpaid.

OFFER 32a The entire set of 8 Grandest Peonies for $5, prepaid

Twelve Standard Peonies

Price, 50 cts. each. The set or any 12 for $5, delivered

Delachei. Dark red, with crimson reflex.
Duchesse de Nemours. Large; white.
Edulis superba. Beautiful clear pink.
Jeanne d'Arc. Pink, rose center.
La Tulipe. Delicate blush-white.
Louis Van Houtte. Violaceous red.
Marie Lemoine. Large; ivory-white.
Mme. de Verneville. Sulphur-white.
Meissonier. Brilliant crimson; large.
Queen Victoria. Excellent early white.
Rose d'Amour. Delicate rose-color.
Victoire Modeste. Rose, center white.

Peony, officinalis

EARLIEST TO BLOOM. PRICE, 40 CTS. EACH, POSTPAID

These are the real old-fashioned Peonies of our grandmothers' day. They bloom earliest of all. The flowers are large, full, double and fragrant. Two varieties: **Alba,** blush-white; **Rubra,** brilliant, glowing deep crimson.

DOUBLE PEONIES, MIXED VARIETIES

Good kinds. 35 cts. each, 3 for 90 cts., 12 for $3.50, postpaid

HARDY PHLOX, ORIENTAL POPPY, PINKS, VIOLETS

The Choicest Hardy Phlox (6-10 mo.)

They will make a handsome display of brilliant flowers year after year

Hardy Phlox. Blooms 6 to 8 weeks

NEW VARIETIES—THE VERY BEST—35 cts. each

B. Comte. Brilliant, rich French purple; an unusually fine sort.
Gefion. A new color in Phlox. Tender peach blossom pink, with bright rose eye.
Thor. Salmon-pink, with a scarlet glow.
W. C. Egan. Exquisite, indescribable pink.
Europa. Very large white flowers, with large crimson eye.

OFFER 33 The above 5 new and rare varieties of Phlox for $1.50, postpaid

STANDARD VARIETIES—ALL EXCELLENT—25 cts. each

Frau Anton Buchner. The finest and largest pure white.
Elizabeth Campbell. Bright salmon-pink with dark crimson eye.
La Vague. Mauve, with red eye.
Mme. Paul Dutrie. Delicate lilac-rose, in shade like a soft pink orchid.
Rijnstrom. Paul Neyron rose color.

OFFER 33a The 5 standard Phlox for $1.10, postpaid

EARLY-FLOWERING WHITE PHLOX **MISS LINGARD**

Blooms from May till frost. Large white flowers with lilac eye. 30c. ea., postpaid.

Hardy Perennial Phlox looks best in massed effects, for which order 25 of a 35-ct. kind at $6, or 25 of a 25-ct. kind at $4.50 □.

Platycodon

Pachysandra terminalis. A trailing plant, 6 to 8 inches high. Flowers during May and June. Invaluable as a ground-cover in shady places. 25 cts. each, postpaid; $16 per 100 □.

Physostegia virginica. 3 to 4 ft. 7-9 mo. Bears spikes of delicate pink tubular flowers in midsummer. 20 cts. each.

Hardy Garden Pinks

For Borders and Edging. 9–12 in. 5–6 mo.

Hardy Pinks, our selection, 20 cts. each, 4 for 60 cts., 12 for $1.50, postpaid

Platycodon (**Balloon Flower,** or **Japanese Bellflower**). Bears violet-blue, bell-shaped flowers the whole season. 20 cts. each; extra-large roots, 35 cts.; 6 for $1.50, postpaid.

Poppy, Hardy, Oriental Mammoth. 2–3 ft. 5–6 mo. Glowing scarlet; extremely showy and attractive. 30 cts. each.

Plumbago Larpentae (**Leadwort**). 4–6 in. 6–10 mo. On account of its low growth it is *especially suitable for bordering beds*, and the deep blue flowers blooming continually make it a constant delight. Plant 6 to 8 inches apart. Splendid for rockeries, also for planting in solid beds. 25 cts. each, 12 for $2.50, postpaid; $18 per 100 □.

Pyrethrum hybridum. 1–2 ft. 6 mo. Daisy-like flowers in different colors, very lasting when cut. Mixed colors. 25 cts. each.

Sage, Mammoth. 1 ft. Highly valued for flavoring. One plant of this will yield more leaves than a dozen of the common Sage. 25 cts. each, 6 for $1.25, postpaid.

Sedum spectabile, "Brilliant." 1½–2 ft. 9–10 mo. Showy, flat heads of bright amaranth-red flowers. 25 cts., postpaid. The thick, fleshy foliage is sea-green color.

SHASTA DAISY. See foot of page 30.

Veronica spicata (**Speedwell**). 2–4 ft. 6–8 mo. Long spikes of bright blue flowers. 25 cts. each, postpaid.

Sweet Violets

Violets are great favorites and do well in the open ground. If given a sheltered place, they will usually begin to bloom before the snow is gone.

Price, 25 cts. each; 6 for $1.25, postpaid

Governor Herrick. (**Dorsett.**) The single flowers are rich, dark purple and are carried erect on long, strong stems. Very fragrant.
Lady Hume Campbell. The flowers are perfectly double, like little roses, lovely azure-blue and delightfully fragrant. Straight, strong stems.
Princess of Wales. Flowers are single, very large, and borne on stems 10 to 12 inches long. Grand for cutting. The color is true violet-blue.
Swanley White. The finest and best white Violet in cultivation; profuse bloomer, perfectly double and exquisitely fragrant.

OFFER 33b 1 each of the 4 Violets, all choice varieties, for 90c., ppd.

YUCCA. See Adam's Needle, page 30.

Violet Culture. A most instructive book by Prof. Galloway
Price $1.50, postpaid

HARDY ORNAMENTAL SHRUBS

Whether you have a lawn of many acres, or a humble dooryard, we commend this class of plants as indispensable to the real beauty of your home. If you select with care, you can have a succession of bloom from April to snow, to say nothing of the beautiful color, form and shadow effects of flowers, foliage and bright berries. For planting along border lines, filling in or rounding off angles or for screens to hide fences or other unsightly objects, you will find nothing more permanently pleasing than varieties listed on pages 34 to 36. Plant in the spring or fall, about 4 feet apart.

Abelia grandiflora (Bush Arbutus)

This magnificent flowering shrub should be used in every planting of shrubs on account of its unusual beauty. The exquisite white flowers, faintly flushed with pink, almost cover the bush all summer. Not hardy north of Pennsylvania. 1-yr. size only, 35 cts., postpaid.

Double Althea, or Rose of Sharon

(*Hibiscus syriacus*)

These will bloom profusely during July and August. They grow 6 to 8 feet and are useful for tall hedges, etc.

Meehanii. Leaves variegated white and green; single flowers; satiny lavender color. 1-yr. size only, 25 cts., postpaid.

Jeanne d'Arc. Large, double, pure white flowers like roses. They remind one of the beautiful white Azaleas shown in florists' windows.

Banner. Flowers richly striped with pink and crimson. These flowers look like beautiful Pelargoniums.

Bicolor. Large, double, white flowers with red center. A beautiful variety.

Double Pink. Large, well-opened, dark pink flowers.

Price of above, in 1-yr. size, 25 cts. each, postpaid; 2-yr. size, 40 cts. each □

OFFER 34 The above Altheas, 5 in all, 1-yr. size, $1.10, postpaid; 2-yr. size, the last 4 for $1.35 □

NEW BOX-BARBERRY

Grows to only 18 inches high when fully matured and left untrimmed. It can be kept trimmed to 6 inches high and makes an ideal plant for bordering walks, rose-beds, etc. Perfectly hardy anywhere in the United States. (See page 29.)

ALMOND (Prunus), Double-flowering Pink. Grows 4 to 5 feet. Blooms before the leaves appear, with tassel-like flowers the whole length of the branches. 1-yr. size only, 40 cts., postpaid.

A. Double-flowering White. 1-yr. size only, 40 cts., postpaid.

Summer Lilac, or Butterfly Shrub

(*Buddleia variabilis magnifica*) See cut

This most desirable summer-flowering shrub grows rapidly and will produce masses of bloom the first season it is set out, even the one-year plants. The blooms first appear in July, and are continuous from then until cut down by frost.

Its freedom of bloom, ease of culture, attractive deep violet-rose color and *delightful fragrance* create a demand for it everywhere. 1-yr., 30 cts., postpaid; 2-yr., 50 cts.; 3-yr., 75 cts □.

BARBERRY, Box. New 1919. See description, page 29.

Barberry, Japan. For hedges. See page 29.

BOXWOOD, Dwarf. For edging. See page 29.

CALYCANTHUS ("Allspice," Sweet-scented Shrub, or Strawberry Shrub). Grows 5 to 6 feet. The dark crimson flowers that come in June are prized on account of their pungent fragrance. 1-yr. size, 25c., postpaid; 2-yr., 50c. □.

CERCIS japonica (Japan Judas Tree). Flowers are rose-pink, with a purple cast, and come in solid clusters before the leaves. The bright flowers are followed by large heart-shaped foliage. Extra 1-yr. size only, 35 cts., postpaid.

Five Dainty Deutzias

(See cut page 35)

Deutzias bear numerous small clusters of flowers in the early summer.

Deutzia gracilis. 2½ to 3 ft. Covered in May with white, bell-shaped flowers.

D. gracilis rosea. Like the above, except that flowers are lovely pink.

D. Lemoinei. White, cone-shaped flowers which open out when full.

D. crenata rosea. Grows 4 to 6 feet. Flowers pink, bell-shaped.

D. crenata, Pride of Rochester. Grows 4 to 6 feet. Beautiful double flowers, pure white tinged with blush; blooms profusely.

Prices: 1-yr. plants, 25 cts., postpaid; 2-yr., 35 cts.; 3-yr., 60 cts. □

OFFER 34a The 5 Deutzias, 1-yr. size, for $1.10, postpaid; 2-yr. size, $1.50; the 5 in 3-yr. size, $2.50 □

Summer Lilac, or Butterfly Shrub—very fragrant

FORSYTHIAS, HYDRANGEAS, LILACS, ETC.

Graceful Deutzia gracilis. See foot of page 34

EUONYMUS japonicus. An upright, evergreen shrub with handsome foliage that shines as if varnished. Make beautiful specimen plants. 1-yr. size, 20 cts., postpaid; 2-yr. size, 35 cts. □.

FORSYTHIA viridissima (*Golden Bells*). April. 5 to 6 feet. Bears long rows of bright golden yellow flowers. Splendid for mass planting.

F. Fortunei. April. Color deeper yellow than Viridissima. Erect branches and handsome, broad, dark green leaves.

Prices for Forsythias: 25 cts. each, postpaid; 2-yr. size, 40 cts.; 3-yr. size, 60 cts. □

HIBISCUS syriacus. See Altheas, page 34.

HONEYSUCKLE, BUSH (*Lonicera tatarica*). Grows 6 to 10 feet, and blooms early in the spring. An old-fashioned shrub, with sturdy, oak-like habit, good foliage, especially useful for screens and masses. Profusion of lovely white flowers in May and June, followed by translucent berries in the fall. 1-yr. size, 25 cts., postpaid; 2-yr., 40 cts.; 3-yr., 60 cts. □

Hydrangea, "Hills of Snow" (*H. arborescens grandiflora*)

One of the most valuable characteristics of this shrub is its coming into bloom just after the passing of all the early spring flowers, while its long flowering season, from June till late August, makes it an acquisition on any lawn. The heads of flowers are produced on long, strong stems, making them good for cutting for indoor decoration and at a time when few other flowers can be obtained. 1-yr. size, 35 cts., postpaid; 2-yr. size, 50 cts.; 3-yr. size $1 □.

Hydrangea paniculata grandiflora

BLOOMS IN AUGUST, SEPTEMBER, AND OCTOBER

The flowers are rich, creamy white, changing to pink, and borne in immense clusters, often more than a foot long; it blooms in August, *the first* and every succeeding year, and continues in bloom for months. It is entirely hardy, no trouble to grow, and splendid effects can be obtained with this free-flowering shrub by planting it in masses along driveways, in groups among shrubbery or as a center for beds.

1-yr. size, to bloom this year, 35 cts. each, $3.50, per doz., postpaid; 2-yr. size, 50 cts. each, $5 per doz., $30 per 100; 3-yr. size, $1 each, $7.50 per doz., $50 per 100 □

HYDRANGEA paniculata grandiflora, Standard or Tree Form. $1.10 each □.

Hydrangea paniculata grandiflora

(See cut page 41)

New French Hydrangeas (*H. hortensis*)

These cannot be listed with the hardy shrubs as they are not entirely hardy everywhere in U. S. A. We find, with protection, they are hardy in this latitude. Charming for porch and house-front decoration. They are offered on page 41.

Japan Snowball (Viburnum plicatum). See page 36

KERRIA japonica flore-pleno (Corchorus). Double, orange-yellow flowers, borne abundantly in May. Grows about 2 feet high and makes a neat, compact shrub that is very popular. 1-yr. size, 20 cts., postpaid; 2-yr., 35 cts. □.

Sweet Lilac (Syringas)

Nearly every one is fond of Lilac blossoms. Their sweet fragrance comes with the first breath of spring, and their delicate colors of blue and white seem like a legacy from our grandmother's garden. Still popular. They bloom in May, and grow to 8 or 10 feet in height.

Old-Fashioned or **Common Lilac** (*S. vulgaris*). Strong, vigorous, upright growth; rich, dark green foliage and large panicles of fragrant, purple flowers.

Standard White Lilac (*S. vulgaris alba*). Same habit of growth as above, but with pure white, fragrant flowers.

Persian Lilac, Purple (*S. persica*). 7 to 8 feet. A neat, handsome-growing little tree, with slender branches and long, narrow foliage, and a great favorite for planting in dooryard and lawn. Blooms early in the spring; the flowers grow in immense clusters; deep rich purple, and deliciously sweet.

Persian Lilac, White (*S. persica alba*). Similar to the purple, but pure white and very fragrant.

Mme. Lemoine. The most beautiful, double-flowered, white.

Charles X. Large, reddish purple flowers. Trusses open and free.

Price of above Lilacs, in 2-yr. size only, 60 cts. each, or the 6 for $3 □

PHILADELPHUS, SNOWBALLS, SPIREAS, WEIGELAS

Philadelphus (MOCK ORANGE) Four varieties

Philadelphus coronarius. The fragrant white flowers come in May on a bush of erect, compact habit. 1-yr., 25 cts., postpaid; 2-yr., 35 cts.; 3-yr., 50 cts. □.

P., Avalanche. Very large white flowers on slender branches which arch gracefully. 1-yr. size, 25 cts., postpaid; 2-yr. size, 50 cts. □.

P., Bouquet Blanc. Large, white flowers, produced in *immense quantities.* A new and notable variety. 1-yr. size, 25 cts., postpaid; 2-yr. size, 50 cts. □.

P., Manteau d'Hermine. A dwarf variety for rockeries, etc. Very small leaves; flowers white. 1-yr. size, 25 cts., postpaid; 2-yr., 50 cts. □.

Japan Snowball (*Viburnum plicatum*)

(See cut page 35)

Pure white flowers in dense, globular clusters, 4 to 5 inches in diameter, which look like balls of snow. The plant grows 6 feet and over, and the blooms fairly cover the bush. 1-yr. size, 25 cts. each, postpaid; 2-yr., 40 cts. each; 3-yr., 60 cts. each; *extra-large plants*, splendid specimens, $1 each □.

COMMON SNOWBALL (*Viburnum Opulus sterile*). June. 6 to 9 feet. Bears beautiful masses of flowers. 1-yr., 25 cts. each, postpaid; 2-yr., 40 cts. each □.

Snowberry (*Symphoricarpos racemosus*)

A small, native shrub that grows well in almost any soil and succeeds in shaded locations. It is quite hardy, produces small white or pinkish flowers in July and August, and these are succeeded by abundant white berries that last well into the winter. (See cut.) 1-yr., 25 cts., postpaid; 2-yr., 40 cts.; 3-yr., 60 cts. □.

The beautiful Spiraea Van Houttei

Five Choicest Spireas

Van Houtte's Spirea. Blooms in May and June and grows 5 to 6 feet in height. An immense bloomer, with pure snow-white flowers, borne in plume-shaped clusters all over the plant. Makes an attractive hedge. Most popular hardy Spirea. (See cut.)

Anthony Waterer. The *perpetual-blooming* Red Spirea. Makes nice, shapely bushes 2 to 3 feet high; begins to bear its large, flat clusters of rich, rosy red flowers almost as soon as planted and continues blooming at short intervals all through the summer and fall. Makes fine single specimens.

Bridal Wreath Spirea (*S. prunifolia*). Flowers white and double like little roses, borne in great profusion the whole length of the branches; blooms early in spring.

Golden Spirea (*S. aurea*). Golden yellow foliage and small, white flowers; contrasts splendidly with the other Spireas. *No 3-year size.*

Blue Spirea (*Caryopteris Mastacanthus*, or Verbena Shrub). This is the finest blue-flowering shrub we have; makes neat, compact bushes, 18 inches to 2 feet high; begins to bloom in August and continues loaded with lovely sky-blue flowers until frost. The foliage has a peculiar, spicy fragrance.

Prices: 1-yr. size, 25 cts. each, postpaid; 2-yr. size, 40 cts.; 3-yr. size, 60 cts. □

OFFER 36. The above 5 Spireas in 1-yr. size for $1.10, postpaid; the 5 in 2-yr. size for $1.75; in 3-yr. size the 4 (omitting Golden Spirea) for $2 □

12 Flowering Shrubs that Will Provide

Bloom From April to October

and help add $100 value to your property

2 Altheas (2 colors)	2 Weigelas (2 varieties)
1 Hydrangea panic. grand.	2 Deutzias (2 varieties)
1 Buddleia	2 Spireas (2 varieties)
1 Philadelphus	1 Forsythia (Golden Bells)

OFFER 36a. The above 12 Hardy Shrubs, $2.50, postpaid; or 2-yr. size, the 12 for $4 □

Free-flowering Weigelas

These may be planted in the sun or shade. They make a broad, vigorous growth 5 to 8 feet in height. In the spring the entire branches are covered with white, pink or red, trumpet-shaped flowers.

Hortensis nivea. Slower in growth than other Weigelas and a rare variety. Flowers large and pure white. 1-yr. size, 50 cts. each, postpaid; 2-yr. size, 75 cts. □.

Eva Rathke. The *everblooming* Weigela. Splendid foliage; the lovely, dark red flowers, with creamy white markings, produce an effect not to be had in any other shrub. Flowers continuously.

Candida. Flowers pure white, borne in great clusters in June and occasionally throughout the summer. A most satisfactory shrub.

Rosea. Makes a large, handsome bush, with rose-pink flowers in great profusion.

Rosea nana variegata. The flowers are soft pink. Foliage is very attractive, being bordered with creamy white; desirable for planting among your dark-leaved shrubbery, to lighten it and also give variety to your collection.

Price for all (except Hortensis nivea), 25 cts. each, postpaid; 2-yr. size, 40 cts.; 3-yr. size, 60 cts. □

OFFER 36b. The last 4 in 1-yr. size for 85 cts., postpaid; 2-yr., the 4 for $1.35; 3-yr., the 4 for $2 □

Weigela, Eva Rathke

CLIMBING, TWINING, CLINGING VINES AND IVIES

Here we come into the fairy land of the flower-garden, for with vines and ivies one can produce really marvelous effects in a single season. Vines are about as important a part of your planting-scheme as are collar and necktie to a well-dressed man.

Vines may be used in many ways and places. The ivies cling and cover closely, clothing wood, brick, stone, and other buildings in delightful draperies of green and other colors, especially in the fall.

Porches, porticos, entrances, even buildings, of themselves bleak and bare, with vines become graceful and inviting. Archways, arbors, pergolas, pathways, and garden gates get their charm from well-selected, deftly trained climbers. Then, not the least important uses for these useful plants are as ground-covers for banks, stones, and stumps. They overcome evil (the unsightly) with good (beauty).

Three Clinging Ivies

These need no support to walls

Japan or Boston Ivy (*Ampelopsis Veitchii*). For decorating walls, to make a house more homelike. The foliage changes in autumn to crimson. 25 cts. each; 2-yr., 35 cts., postpaid. (See cut above.)

American Ivy (*Ampelopsis quinquefolia*). The true Virginia Creeper. Foliage is brilliantly colored in autumn. 1-yr., 25 cts. each; 2-yr., 40 cts. each; 3-yr., 60 cts. each, postpaid.

Hardy English Ivy (*Hedera helix*). Evergreen, with dark, glossy green leaves. 25 cts. each; large size, 35 cts. each, postpaid.

Sweet-scented Japan Clematis

(*Clematis paniculata* or Virgin's Bower)

The sweetest of all Clematis and the easiest to grow. Plant in good, mellow soil and *support the plants as soon as they have made even a few inches of growth.* We consider this the most satisfactory, hardy flowering vine we offer. Flowers small, rich creamy white, borne in clusters, completely covering the vine. The sweetest of all Clematis. 1-yr., 25 cts. each; 2-yr., 50 cts. each; 3-yr., 65 cts. each, postpaid.

Akebia quinata. Produces bunches of tiny violet-brown flowers which have a pleasant cinnamon fragrance. 1-yr., 30 cts., postpaid; 2-yr., 40 cts.; 3-yr., 60 cts. □.

Bignonia grandiflora (**The Mammoth-flowered Trumpet Creeper**). Through July and August it bears immense quantities of great, orange-red, trumpet-shaped flowers. 50c. each □.

Celastrus scandens (**Native Bittersweet**). Grows in either sun or shade. Has attractive foliage and yellow flowers in June, followed with bright orange fruit which usually remains all winter. 3-yr. size only, 50 cts. each □.

Chinese Matrimony Vine (*Lycium barbarum*). Small, bright rosy purple flowers, followed by brilliant scarlet berries. 25c., ppd.; 2-yr., 35c.; 3-yr., 50c. □.

Euonymus radicans. Small, rich green leaves; a splendid wall-covering. 1-yr., 25 cts.; 2-yr., 35 cts., postpaid.

E. radicans variegata. Leaves green and white. 1-yr., 25 cts.; 2-yr., 35 cts.; 3-yr., 50 cts., postpaid.

Kudzu Vine (*Dolichos japonicus; Pueraria Thunbergiana*). A grand hardy climber; **will run 30 to 40 feet in a season.** Makes splendid shade. 30 cts. each; larger size, 50 cts., postpaid.

LYCIUM barbarum. See Chinese Matrimony Vine.

Honeysuckles, Sweet-scented

Honeysuckles are vigorous growers, not troubled with insects or diseases, and are very desirable for shade and shelter. Several varieties are almost evergreen.

Everblooming Heckrottii. Flowers are carmine, with golden apricot center. An unceasing bloomer. (See illustration.)

Halliana. This variety is *intensely* sweet scented. A constant and most profuse bloomer; flowers buff-yellow, passing to white.

Evergreen Sweet-scented. A hardy, vigorous grower; deliciously sweet; flowers buff, yellow, and white.

Golden-leaved Honeysuckle. A moderate grower; leaves veined and netted with yellow; flowers yellow and sweet scented.

Hendersonii. Brilliant orange-red with bright yellow mouth.

Red Coral Honeysuckle. Flowers coral-red, very pretty.

Price for all: 1-yr., 25 cts., postpaid; 2-yr., 40 cts.; 3-yr., 65 cts. □

OFFER 37 One each of the above 6 Honeysuckles in 1-yr. size, $1.25, postpaid; in 2-yr. size, $2.25; 3-yr. size, $3.50 □

4 Grand Wistarias

Wistarias grow rapidly and will climb to the roof of a house if given support.

Multijuga. A Japanese variety. Flowers purple. *The clusters are immense, often 2 to 3 feet long.*

Magnifica. Soft lavender-blue.

Chinese White. Silvery white. *No 3-yr.*

Chinese Blue. Violet-purple. *No 3-yr.*

Price for all: 1-yr., 35 cts., postpaid; 2-yr., 50 cts.; 3-yr., 75 cts. □

RAPID GROWING Summer Vines

Apios tuberosa (**Tuberous-rooted Wistaria**). Bears pale blue flowers. Strong bulbs, 6 for 25 cts., postpaid.

Cardinal Climber. Grow this from seeds, see p. 44.

Cinnamon Vine. Produces tiny white flowers. Strong roots, 10c. each, 3 for 25c., ppd.

Madeira Vine. Bears sweet, feathery, white flowers. Roots, 10 cts. each; 3 for 25 cts.; 12 for 75 cts.

Passion Flower, Northern Cross. Shows a well-defined raised cross in the center, surrounded by a halo of fine sky-blue rays. 25 cts. each; larger size, 40 cts., ppd.

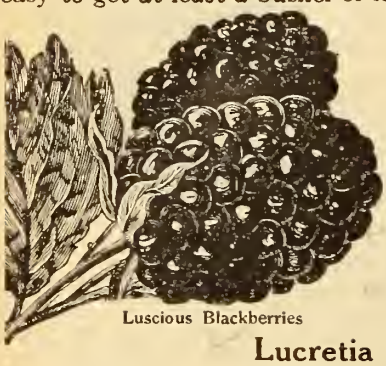
Vinca variegata. Low-growing, trailing vine; bright glossy green leaves, widely bordered with creamy white. 20c. ea., ppd.

AND DON'T FORGET HARDY CLIMBING ROSES OFFERED ON PAGES 15 TO 19

THRIFTY FRUITS FOR EVERYMAN'S GARDEN

LITTLE COST, LITTLE SPACE, LITTLE LABOR, AND BRING BIG RETURNS

When you plant a home-garden nowadays you have to consider what will give the best returns for the space occupied. These fruits all "earn their keep" and more, for from a single grape-vine, well matured, it is easy to get at least a bushel of luscious fruit for eating or preserving for winter. Blackberries and raspberries also produce fruit bountifully. Plant *at least* a dozen of a kind and plant wherever space can be found.



Luscious Blackberries

Blackberries

6 for 65 cts., 12 for $1, postpaid; 100 for $5 □

Early Harvest. A compact, dwarf grower; it ripens very early; excellent quality and very productive.

Snyder. The fruit is of medium size, sweet and juicy, with no hard, acid core.

Eldorado. A midseason Blackberry, producing large, rich-flavored fruits.

Lucretia Dewberry

A trailing blackberry. Perfectly hardy and very productive. It ripens early. Fruit is large, rich, and luscious. 6 for 65 cts., 12 for $1, postpaid.

The Japanese Wineberry

Belongs to the raspberry family. Fruit is covered with curious burrs of fine reddish moss, which open when ripe. The berries are bright, rich scarlet; excellent for cooking. 3 for 50 cts. 7 for $1, postpaid.

Three Best Raspberries

Cuthbert, or **Queen Raspberry.** Large, handsome, crimson berries. Very sweet.

Columbian. The largest, finest-flavored black Raspberry.

Above two, 6 for 65 cts., 12 for $1, postpaid; 100 for $5 □

St. Regis Everbearing. A unique variety of great value. It ripens very early—in advance of all others, and gives an immense summer crop. It also gives an autumn crop, continuing to produce large, perfect berries of full flavor until the ground freezes. The canes are of ironclad hardihood and of vigorous growth. Berries of good size, rich bright crimson in color, and of excellent quality. Unlike any other variety of the red Raspberries, it yields a moderate crop of berries the first season. Price 12 for $1.25, ppd.; 100 for $7.50 □.

For table use when fresh and for preserving, no fruit surpasses this delicious Raspberry.

St. Regis—The New Everbearing Raspberry

Clusters of Delicious Grapes

Large, Luscious Grapes

Grapes are ornamental as well as fruitful. Plant them wherever you have a place where the vines can be tied. You can plant them against buildings, over arches, on trellises, etc. These vines grow fast, they have large leaves, and make welcome shade in summer.

Price: All of the kinds below (except McPike), 35 cts. each; any three 35c. kinds for $1 □

Niagara. The most popular white Grape. The clusters are large and compact and ripen in midseason.

Concord. The most popular black. Makes large, luscious bunches.

Delaware. Wine-red; sweet, spicy flavor. Berries medium size.

Campbell's Early. Black; delicious.

McPike. Purplish black in color; deliciously flavored. Succeeds everywhere. 60 cts. each; 3 for $1.50 □.

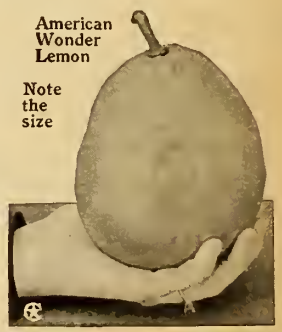
TWO WONDERFUL FRUITS FOR INDOOR GROWING

Dwarf Otaheite Orange

This beautiful Dwarf Orange Tree is one of our very prettiest house plants; thick glossy green leaves, deliciously sweet, pure white flowers; begins fruiting at once, and bears flowers and lovely golden yellow oranges all the year round; easily grown and requires very little care. Set outdoors in summer, in rich soil and repot for indoors before frost. 35 cts. each; larger size, 50 cts., postpaid; extra size fruiting plants, 75 cts. □.

The American Wonder Lemon

Fruits are immense. The flowers are pure waxy white and very sweet, like orange blossoms; the leaves are thick, glossy green, and shine as if varnished. Bears almost every month in the year. Great results are obtained by setting this Lemon outdoors in good garden soil about June 1. It should set a number of fruits ready to ripen when taken indoors for the winter. 35 cts. each; larger size, 50 cts. each, postpaid; extra sizes, 50 cts., 75 cts., and $1 each □.



American Wonder Lemon

Note the size

CHOICEST FIELD-GROWN DAHLIA ROOTS

At Postpaid Prices

Almost everywhere recognized as the most satisfactory outside fall flowers, because of the endless variety of fascinating shapes; marvelous colors, and their splendid lasting qualities when cut.

We offer no ordinary list, as it represents the combined recommendations of the leading Dahlia specialists of our country. In each of the eight sections you will find *the* sorts which in each color class stand out as preëminently the leaders. So long as you confine yourself to this page you cannot miss having choice Dahlias. Plant in well-drained, rich soil, 2 feet apart to get full sunshine.

WE ARE MEMBERS OF THE AMERICAN DAHLIA SOCIETY

A Magnificent Leader

Kalif. (**Colossal Cactus**). A magnificent flower of true Cactus form. It often measures 9 inches in diameter and the pure scarlet blooms are held upright on strong, stiff stems. A great novelty. $1 each.

Four Selected Novelties

LE GRAND MANITOU. (**Decorative.**) The best variegated Dahlia in this type. The ground color is white, prettily spotted, striped and blotched with reddish violet. 60 cts. each.

MINA BURGLE. (**Decorative.**) Color is rich, luminous dark scarlet. This is the freest-flowering red Dahlia in this class. 60 cts. each.

PRINCESS JULIANA. (**Peony-Decorative.**) A pure white variety of special merit. It has long, strong stems and the cut-flowers last three or four days in water. 50 cts. each.

SWEETBRIER. (**Cactus.**) A superb Dahlia of an exquisite shade of pink. Very free bloomer. 50 cts. each.

Peony-flowered Dahlia

The Peony-flowered type has been recently introduced. Flowers are very large and the blooms are freely produced on long, strong stems, suitable for cutting.

Geisha. The pride of the Peony-flowered Dahlias. The color is a combination of scarlet and gold with yellow at the center. Flowers 6 inches across. 60 cts. each.

OFFER 39 One each of the above 6 Dahlias, every one a winner, for $3.25, postpaid.

5 Choicest Cactus Dahlias

Cactus Dahlias are loosely and artistically formed and very irregular. They generally have long, narrow, curled petals, some varieties being straight, others gracefully incurved. (See cut.) For cutting they are unsurpassed, as the flowers are formed on long, strong stems.

Countess of Lonsdale. A delightful blending of salmon-pink and amber, difficult to describe but peculiarly attractive. Splendid for cutting and admired by everyone who sees it. For quantity of bloom it is in a class by itself. 30 cts. each.

Floradora. Splendidly shaped, dark, velvety crimson flowers on long, strong stems; remarkably free flowering and fine for cutting. 25 cts. each (See cut.)

J. H. Jackson. Brilliant crimson-maroon, perfect flowers with long, pointed florets. A very dark Cactus Dahlia; early, free bloomer. 20 cts. each.

Juliet. Rosy pink, tinting lighter toward the center; very large flower with long, incurved petals. 25 cts. each.

Prince of Yellows. Color rich canary-yellow. A splendid kind to use for cut-flowers. 25 cts. each.

OFFER 39b One each of the above 5 popular, free-blooming, large-flowering Cactus Dahlias for $1.10, postpaid.

Single Dahlias

These have one row of petals and resemble a very large cosmos. Especially fine for cutting.

Rose-Pink Century. Flowers 6 inches across; rose-pink. 20 cts. each.

White Century. Pure white, with overlapping petals. 20 cts. each.

Wildfire. Cochineal-red, suffused orange-scarlet. 25 cts. each.

OFFER 39c Above 3 Single Dahlias for 60c., ppd.

5 Decorative Dahlias

Decorative Dahlias are large, flat when fully open, perfectly double, and full to the center. Petals are broad and in most cases nearly flat, but some are fluted.

Jack's Discovery. White, mottled with violet-rose. A charming color combination. 25 cts. each.

Mrs. J. Gardner Cassatt. A fine cut-flower variety; color is a pleasing shade of mauve-pink, and flowers are elegantly formed. One of the newer Dahlias that has become a standard. 30 cts. each.

Papa Charmet. Bright, glowing velvety maroon. 35 cts. each.

Professor Mansfield. (**Fancy.**) Rich yellow, white tips and rosy center. 25 cts. each.

Sylvia (**Dolly**). Soft, pleasing mauve-pink, gradually changing to white in the center. An especially fine cut-flower. 25 cts. ea.

OFFER 39a One each of the above 5 beautiful Decorative Dahlias for $1.25, postpaid.

3 Superb Show Dahlias

Show Dahlias are large, globular-shaped, double flowers, regular, compact, and full to the center.

A. D. Livoni. Beautiful soft pink. 25 cts. each.

Black Diamond. Deepest garnet, very dark shadings. 25 cts.

Red Hussar. Pure cardinal-red; flowers perfect. 20 cts.

OFFER 39d Above 3 Superb Show Dahlias for 60c., ppd.

Unique Collarette Dahlia

Maurice Rivoire. Broad petals of ox-blood-red and a pure white, fringed collar. A most unusual flower and every Dahlia grower should have it. 30 cts. each.

Grand Dahlias in Mixture (NOT LABELED)

Our Double XX Mixed Dahlia Roots are made up of the finest named kinds, both Single and Double varieties, all colors and shades. 10 for $1.50, postpaid; 15 finest mixed, only $1.50 □.

BEGONIAS, CARNATIONS, CHRYSANTHEMUMS, ETC.

Fragrant Carnations for cutting

Hardy Flowering Begonia, Evansiana

This unusual variety is perfectly hardy and grows upright, bearing its masses of exquisite coral-pink flowers on strong stems that need no support. The foliage is beautiful and decorative always, which adds greatly to the value of the plant. It spreads rapidly and is excellent for planting along the base of a porch. 25 cts. each, postpaid.

Begonia Corallina Lucerna

Makes *gigantic* trusses of bronzy red flowers. Foliage spotted silver and very large. It blooms continuously and is the finest and strongest growing variety we know 25 cts., postpaid.

Royal Purple Bougainvillea

In great demand for Easter decoration. Bears masses of curious, reddish purple flowers. 25 cts. each, postpaid; 2-yr., 40 cts.; 3-yr., 75 cts. □.

Beautiful Fragrant Carnations

Victory. Magnificent bright scarlet. Delightfully fragrant. 20 cts., postpaid.
Enchantress. A most beautiful rose-pink. Sweet, pungent fragrance. 20 cts., postpaid.
White Perfection. Dazzling white, large flower. For "Mother's Day." 20 cts., postpaid.

Handsome Variegated Crotons

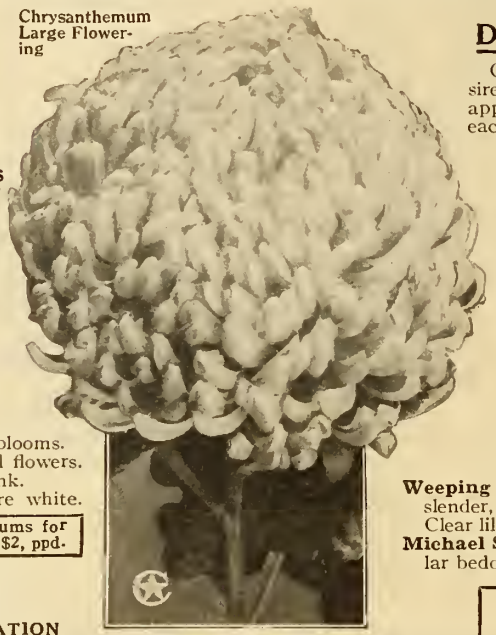
Aureo-maculatum. Narrow foliage, green and gold; very effective. } **Price, 35 cts. each, ppd.; larger size, 60c. each** □
Interruptum. Dark green leaves with yellow and crimson markings. }

Free-flowering Chrysanthemums

Price, 25 cts. each, postpaid

Beauty of Truro. An Ostrich-Plume variety. Magnificent, large, rich purplish bronze flowers, beautifully feathered and very attractive.
Early Frost. A splendid white with large, incurved flowers. Strong grower.
Intensity. Reflexed bright crimson.
Myer's Perfection. A fine pure white of the pompon type. Fine for cutting.
Pacific Supreme. Makes an immense flower. Color is an unusual shade of dark pink.
Queen of the Whites. Enormous snow-white blooms.
Rhoda. Apple-blossom pink. Medium-sized flowers.
Roserie. Blooms in masses. Clear, bright pink.
Smith's Advance. The earliest, large, pure white.

OFFER 40 Any 3 above Chrysanthemums for 70 cts., or the set of 9 for $2, ppd.



Chrysanthemum Large Flowering

Dusty Miller — A MOST BEAUTIFUL EDGING PLANT

Can be kept trimmed to any height desired. Foliage is thick in texture, feathery in appearance, and silvery white in color. 25 cts. each. 12 for $2, postpaid; 100 for $12 □.

Fuchsia speciosa

Flower is rich carmine and rose. Foliage is bright, glossy green. 25 cts., each, ppd.

Genista (Shower of Gold)

Becomes covered with fragrant golden bloom, in drooping racemes. Easily grown. 25 cts. each, postpaid; larger size, 40c. □.

Heliotrope, Jersey Beauty

Deepest violet-purple color, with white eye. Deliciously fragrant. 20c. each, ppd.

Two Lovely Lantanas

Weeping Lantana, Mrs. McKinley. Stems are slender, so they "weep" when 8 or 10 inches high. Clear lilac-pink flowers all season. 25c., postpaid.
Michael Schmidt. Orange and red. A spectacular bedding variety. 25 cts., postpaid.

7 Dainty Dwarf Ferns

FOR FERN-DISHES AND TABLE DECORATION

Crested Holly Fern (*Crytomium Rochfordianum*). Fronds are green and deeply toothed. 20 cts., 35 cts. and 60 cts. each, postpaid.
Maidenhair Fern (*Adiantum hybridum*). Lacy fronds, unlike any other. 20 cts. and 35 cts. each, postpaid.
Parsley Fern (*Onychium japonicum*). Resembles parsley. 20 cts. each, postpaid.
Crested Pteris Wilsonii. Like crested seaweed. 20 cts. each, postpaid.
Silver-leaf Fern (*Pteris cretica albo-lineata*). Pea-green foliage with silvery variegations. 20 cts. and 25 cts. each, postpaid.
Crowfoot Fern (*Pteris Wimsettii multiceps*). The fronds are bunched at the top of strong black stems. 25 cts. each, postpaid.
Bird's-eye Fern (*Aspidium Tsussimense*). Very dwarf in growth; the fronds have a lace effect. 25 cts. each, postpaid.

Umbrella Plant (*Cyperus alternifolius*)

Very easily grown if given lots of water. 25 cts. each, postpaid; larger size, 35 cts. □.

Two Climbing or Trailing Ferns

ASPARAGUS PLUMOSUS (Climbing Lace Fern). Fine, feathery foliage which remains fresh for weeks when cut. Does well in a sunny window and the fronds can be trained on the curtains if desired, giving a beautiful effect. (See cut.) 20c. and 25c., ppd.; extra sizes, 35c. and 50c. □.
ASPARAGUS SPRENGERI (Emerald Feather). Very valuable for vases and baskets. Makes long, trailing, emerald fronds. 20 cts. and 25 cts. each, postpaid; extra sizes, 35 cts. and 50 cts. each □.

OFFER 40a These two Ferns, 1st size for 35 cts., postpaid; largest size, the 2 for 85c. □. (See also next page.)

Asparagus plumosus (Climbing Lace Fern)

FERNS, GERANIUMS, HYDRANGEAS, ETC.

Large-growing Ornamental Ferns

FOR LIVING-ROOM AND PORCH DECORATION

A north window or any window which has lots of light and but little or no direct sunlight will suit Ferns; the sun injures the delicate fronds.

Roosevelt Fern. Resembles the world-famous Boston Fern, but produces twice as many wide, drooping fronds, and the pinnæ are beautifully undulated, giving a pronounced wavy effect seen in no other variety. It has sprung into wonderful popularity, and when better known will be wanted by everyone.

Teddy Junior. Has all the valuable characteristics of the Roosevelt Fern, but it produces shorter fronds in great quantities.

Amerpohlii (The Philadelphia Lace Fern). Each broad, graceful frond seems like a piece of delicate lace. This is one of the most beautiful ferns ever offered.

Boston Fern. Fronds grow 2 to 3 feet long and droop over in the most delightful way. Everyone knows the Boston Fern and it is still in great demand.

Newport Fern (*Scottii*). Resembles the Boston Fern, but grows more erect, has shorter, narrower fronds and makes three times as many of them.

Scholzelii. The crested dwarf Scottii Fern. The plant has a fluffy crested appearance much like the Ostrich-Plume Ferns.

Whitmanii. (See illustration.) Fronds wide, graceful, dense and feathery.

Prices for all above Ferns: 25 cts. and 35 cts. each (according to size), postpaid; larger sizes, 50 cts. and 75 cts. each □

Whitmanii Fern

Choicest Double Geraniums

25 cts. each, or any 10 for $2.25, postpaid

Beaute Poitevine. This is one of the best semi-double, light salmon-pink bedding Geraniums. The plants grow bushy and regular and form heads of beautiful blooms continuously. A solid bed of this exquisite variety is unsurpassed when a salmon-pink effect is desired. Fine for bordering a bed of Mrs. A. F. Conard Cannas.

La Favorite. Pure white, elegant flowers of surpassing beauty; fine for bedding and cut-flowers. The blooms are freely produced all season.

Miss Frances Perkins. Color is clear, bright pink, which is most attractive. An immense bloomer and one of the most popular pink bedders.

Queen of Crimsons, S. A. Nutt. The best dark, rich crimson bedding Geranium; blooms incessantly. There is more demand for this Geranium than for any other red variety.

Geraniums will bloom all the year. Always satisfactory

Sweet-scented Geraniums

Leaves are delightfully fragrant.

Lemon. Delightful lemon odor. 25 cts., postpaid.

Rose. The old favorite rose-scented Geranium. 25 cts., postpaid.

Pelargoniums

LADY WASHINGTON GERANIUMS

These are the most beautiful of the Geranium family and make strong, vigorous plants. All are exquisite, the colorings being unusually rich and attractive.

Mrs. Layal. Pink and crimson, with dark blotches. 25 cts. each, postpaid.

Easter Greeting (Ostergruss). Blooms more freely than any other Pelargonium we know. The flowers are large and color is rich cherry pink, with dark blotches. 35 cts. each, postpaid.

Pansy. Pink and crimson, with dark blotches, sometimes feathered white. 25 cts., postpaid.

French Hydrangea. Try a few along the base of your porch

New French Hydrangeas (*Hydrangea hortensis*)

Grand, low-growing, bushy shrubs, hardy in sheltered locations in the latitude of Philadelphia. Unequaled for porch and lawn decoration during summer. The blooms are immense, and come in such quantities as almost to cover the bush. On the approach of freezing weather in northern states, store in a light, cool cellar and water only sufficiently to keep the roots from drying up. If they start growth during the winter, move to cooler quarters. *To make these Hydrangeas bloom blue*, incorporate one-half pound of alum, broken into pieces about the size of a hickory-nut, with each bushel of soil.

Prices for all, from 3-inch pots, 35 cts. each; from 4-inch pots, 50 cts. each, postpaid; from 6-inch pots, 75 cts. each □

Avalanche. Magnificent; large; white; very free-flowering.

Bouquet Rose. Large clusters of rosy amber changing to bright pink.

Mme. E. Mouillere. Large individual flowers of pure white.

Mousseline. Mauve-rose with cream-colored center; often comes darker.

Large-flowered Chinese Hibiscus

25 cts. each, postpaid; large size, 50 cts. each □

Peachblow. *Immense* double flowers, like gigantic frilled roses, very freely produced; rich pink with deep crimson center. Use rich soil.

Grandiflora. Immense single flowers; bright rose-pink; very beautiful.

FLOWER SEED DEPARTMENT

This department is entirely distinct from our Rose and Plant business. It is presided over by those who for years have devoted themselves exclusively to the study and handling of the best Flower Seeds and Bulbs to be had. Whether in Europe, Japan, California, or at home, wherever the different varieties reach their greatest perfection—there is our supply obtained. We endeavor, not in a premium, but in the stock furnished, to give full value. Please note that following pages contain also recent introductions.

The New "Astermum." Flower 5½ inches across

150 "Astermum" or Glorified Aster ⊙

An entirely new creation in Asters. Each plant yields from ten to fifteen magnificent blooms on sturdy stems 18 to 24 inches long. Mixed pkts. including three colors, 20 cts., or 2 pkts. 35 cts.

214 New Red Aster, "Heart of France" ⊙

This beautiful new Aster is large, full, and double to the center. It is as red as the purest ruby when opening, darkening as the flower ages. A midseason variety that retains its brilliancy and luster. It is new this year and will be in great demand. Pkts. 25 cts. each.

Five Splendid "King" Asters ⊙

The long, narrow petals are folded lengthwise, appearing as if quilled. These Asters keep well when cut and make exquisite bouquets.

200 **Rose King** 201 **Violet King** 202 **Pink King**
203 **White King** 213 **Lavender King**

ABOVE KING ASTERS, 15c. PER PKT., OR ANY 5 PKTS. FOR 60c.

193 **QUEEN OF THE MARKET.** Very early flowering. Mixed colors, pkt. 10 cts.

Semple's Branching Asters ⊙

Splendid large flowers and enormous bloomers. **Price 10 cts. per pkt.**

195 **White** 196 **Purple** 197 **Shell-Pink**
198 **Crimson** 210 **Azure-Blue** 211 **Peach-Pink**
199 **Mixed Colors**

Any 6 pkts. Semple's Branching Asters for 50 cts.

204 C. & J. Finest Mixed Asters ⊙

This is a fine mixture of the best and most beautiful Asters for general planting. It is made by ourselves and includes a great variety of the best kinds and choicest colors. They are no trouble to grow and can be planted in masses by sowing broadcast, but it is best to start the seeds early, in a hotbed or in the house, and transplant outside about May 10 in this latitude. This splendid mixture has received high praise from our customers and, knowing the varieties included, we recommend it strongly. Pkt. 10 cts., ¼oz. 40 cts., oz. $1.50.

For complete index to Flower Seeds and further information of these signs, see page 49. ⊙ Annuals; ⊙ Biennials; ⌙ Greenhouse Plants; 2 Perennials; ⌓ Stove Plants; § Climbing Plants.

		Pkt.
69	**AGERATUM, Imperial Dwarf Blue.** ⊙ Grows 6 inches high; excellent for blue ribbon borders. Blooms continuously and profusely from June till frost. Splendid when massed.....½oz. 15c...$0	05
71	" **Fine Mixed.** ⊙.....¼oz. 15c...	05
75	**ALYSSUM, Little Gem.** ⊙ *½oz. will plant 40 feet.* Grows only 3 to 4 inches high; a perfect mass of white flowers which last the entire summer. Unsurpassed for borders...½oz. 25 cts., oz. 40 cts...	10
76	" **Sweet.** ⊙ Grows 4 to 6 inches high; excellent for edging.....½oz. 15 cts., oz. 25 cts...	05
80	**AMPELOPSIS.** Boston Ivy. § 2 See description and illustration on page 37.....	05
	ANTIRRHINUM, or Snapdragon. ⊙ These are the new, improved sorts. *3 separate colors:*	
85	" **Scarlet,** 10c. 86 **White,** 10c. 87 **Yellow,** 10c.	
88	" **3 colors, Scarlet, White,** and **Yellow, Mixed**...	10
89	" **Dwarf Tom Thumb.** ⊙ Grows 6 inches, covered with beautiful spikes of gaily colored flowers....	05
99	**ASPARAGUS Sprengeri.** ⌙ Valuable for vases, baskets, etc.....	15
93	**AQUILEGIA.** Columbine. 2 Improved. Many beautiful colors, perfectly hardy.....	05
225	**BACHELOR'S BUTTON, Double.** ⊙ Much larger than the old kinds.....	05
230	**BALSAM, C. & J. Double Rose.** ⊙ Flowers perfectly double, like roses, in all colors. Splendid mixed..	05

⌙ Begonias for Bedding. Height 9 to 12 inches

Seed is *very* fine and germinates slowly. Start indoors in February or March for May planting. The foliage is thick and glossy, and the brilliant flowers *bloom profusely all season* until frost.

		Pkt.
237	**California Hybrids, Mixed**.....$0	05
253	**BROWALLIA.** ⊙ Charming sky-blue flowers. Excellent for winter window bloom.....	05
257	**CACTUS.** ⌙ Choice mixed.....	10
260	**CALCEOLARIA hybrida.** ⊙ ⌙ Pocket-shaped flowers in mixed colors.....	10
263	**CALENDULA** (Pot Marigold), **Oriole.** ⊙ Yellow.....	05
272	**CANDYTUFT, Giant Hyacinth-flowered.** ⊙ Pure white flowers almost like a hyacinth...¼oz. 25c...	05
273	" **Fragrant Empress.** ⊙ Pure white.....	05
276	" **Hardy.** 2 Pure white.....	05
267	**CAMPANULA.** Canterbury Bells. ⊙ Bell-shaped flowers, single. Mixed colors.....	05
268	" **Double Mixed.** ⊙.....	05
	CANNAS. 20 choice named kinds. (See page 43.)	
400	**CARNATIONS, Marguerite.** Superb New Dwarf. ⊙ Blooms abundantly in three to four months after sowing. Mixed colors....¼oz. 40 cts., oz. $1.25..	10
401	" **Perpetual or Tree.** ⌙ Finest mixed.....	10
402	" **Perennial.** 2 Seeds sown in the open ground in May or June bloom splendidly the next season and are very showy. Choice, double; mixed.....	10
430	**CATHEDRAL BELLS, or Cobæa scandens.** ⊙ § Beautiful, bell-shaped flowers, green at first, but change to violet-blue. Grows 30 feet in a season..¼oz. 15c...	05
	CARDINAL CLIMBER. (See Ipomœas or Moonvines, page 44.)	
408	**CELOSIA, Ostrich-Plume.** ⊙ Makes plants 2 feet high, with a large, fiery red, feathery plume.....	05
409	" **Childsii, or Chinese Woolflower.** New. Makes magnificent plants that are covered with ball-shaped woolly flowers of deep crimson.....	20
410	**CENTAUREA imperialis.** ⊙ Nicely branched. Round, fluffy flowers as big as teacups. Mixed colors.....	05
411	" **gymnocarpa.** Dusty Miller. 2 Leaves silver-white; valuable for beds and edgings.....	05
	CHINESE WOOLFLOWER. New. (See *Celosia Childsii.*)	
420	**CHRYSANTHEMUMS, Perennial.** 2 Seed saved from the finest hybrid Japanese, Chinese and Ostrich-Plume	10

CANNA SEEDS, COSMOS, DELPHINIUMS, DIANTHUS

Original Native Canna — C. & J. New Seedling Lily-Canna

C. & J. Canna Seeds

We lead in Canna seeds, as in the plants, for these seeds are produced on our own grounds and cannot be surpassed. (See our Canna plants, with fuller descriptions, offered on pages 26 to 28.)

When ready to plant, soak seeds in warm water for half a day or more, and then plant indoors, about 1 inch deep, in a moist, sandy soil. You should get about 60 per cent to germinate. Transplant to 18 inches apart as soon as the ground is warm—not before.

C. & J. seeds are saved from picked flowers only and cannot be duplicated anywhere

These named kinds have been picked from named Cannas, but, as they are not segregated, the seeds cannot all be expected to come true to name; but they will *in every case* produce beautiful blooms.

		Pkt.	Oz.
345	**City of Portland.** 4 ft. Rich deep pink	$0 15	$1 00
355	**Dragon.** 3 ft. Dark, ox-blood-red	15	1 00
347	**Gaiety.** 5 ft. Reddish orange, dotted red	15	1 00
317	**Golden Gate.** 4 ft. Gold color, rayed crimson	15	1 00
319	**Jane Addams.** 4½ ft. Buttercup-yellow	15	1 00
327	**Meteor.** 5 ft. Deep, dazzling crimson	15	1 00
330	**Mrs. A. F. Conard.** 4 ft. The finest salmon-pink.	15	1 00
333	**Panama.** 3 ft. Orange-red. Immense flower	15	1 00
349	**Princeton.** 4 ft. Intense, buttercup-yellow	15	1 00
341	**Wm. Saunders.** 4 ft. Scarlet; bronze foliage	15	1 00

C. & J. Lily-Canna Seed, Mixed

From this mixture you are quite likely to secure some new improved and as yet unintroduced sorts. Twenty seeds in each packet.

342	**C. & J. New Pedigree, Extra Choice**	$0 20	$1 00
344	**Canna hybrida.** Good mixed	15	50

Cosmos for lovely bouquets

Cosmos

463 **Double-crowned and Crested.** ⊙ A large percentage have double, crested centers. Pkt. 25c.

450 **Crimson Ray.** ⊙ Comes in star-like form. Brilliant crimson color; strikingly beautiful. Pkt. 10c.

452 **Lady Lenox.** ⊙ Sea-shell pink flowers. Pkt. 10 cts.

453 **White Lady Lenox.** ⊙ Snowy white Pkt. 15c.

454 **Early-blooming Fancy.** ⊙ Mixed colors; blooms profusely. Pkt. 10 cts., oz. 30 cts.

425 **CINERARIA hybrida.** ⊙ ⌙ Flowers are 2 to 3 inches across and come in many brilliant colors. Pkt. 15 cts.

427 **CLEMATIS paniculata.** The Sweet-scented Japan Clematis. (See description, page 37.) Pkt. 10 cts.

433 **COCKSCOMB, Queen of Dwarfs.** ⊙ Grows only 8 to 10 inches high, and bears immense heads of bloom 10 to 12 inches across; deep, rich, velvety crimson. Pkt. 5c.

441 **COLEUS, Large-leaved and Fringed Strains.** Produces the finest-colored, most attractive, and novel plants for bedding and borders. Sow indoors in March or April. (See cut.) Pkt. $0 10

Coleus with Alyssum border

442 " **Choice Mixed.** ⊙ Will produce splendid plants 05

447 **COREOPSIS grandiflora.** 2↓ Grows 2 feet high; golden yellow; flowers profusely 05

468 **CYCLAMEN persicum.** ⌙ Beautifully variegated foliage and richly colored, orchid-like flowers 10

471 " **giganteum.** ⌙ Very large flowers. Finest mixed 10

479 **CYPRESS VINE.** ⊙ § A beautiful vine with delicate, fern-like foliage and lovely star-shaped flowers. Mixed 05

Daisies. 4 Varieties

66 **Blue Daisy** (*Agathea amelloides*). ⌙ Seeds bloom quickly. $0 05

592 **English Double Daisy** (*Bellis perennis*). 2↓ Mixed 05

1420 **Shasta Daisy.** 2↓ Snow-white flowers, 4 in. across; hardy. 10

550 **African Golden Orange Daisy** (*Dimorphotheca aurantiaca*). Glossy, rich orange-gold 10

526 **DATURA, Sweet Nightingale.** ⊙ Mixed colors 05

520 " **cornucopia.** Horn of Plenty. ⊙ Grows 3 ft. high. Flowers are waxy white, richly marbled with purple. 05

530 **DELPHINIUM.** Larkspur. 2↓ Mixed colors 05

533 " **formosum.** 2↓ Deep blue, with clear white centers. 05

534 " **belladonna.** 2↓ The everblooming hardy Larkspur. Flowers clear, light blue 15

536 **DIAMOND FLOWER.** ⊙ A lovely little annual, quickly covering the ground with beautiful moss-like foliage 05

540 **DIANTHUS** (Chinese and Japanese Pinks). **C. & J. Finest Sorts, Mixed.** ⊙ The colors range from pure white to deepest crimson in endless combinations. Pkt. 5 cts., ¼oz. 25 cts., ½oz. 40 cts., oz. 75 cts.

545 " **plumarius.** Pheasant's-Eye Pink. 2↓ Has a delightful, penetrating fragrance; the original Clove Pink. Pkt. 10 cts.

548 **DIGITALIS.** Foxglove. 2↓ Every year increasingly cultivated in shrubberies and woodlands. Fine mixed. Pkt. 5 cts.

553 **DOLICHOS.** Japanese Hyacinth Bean. **Daylight.** ⊙ § Undoubtedly one of the nicest. It grows 8 to 10 feet high and will quickly cover itself with long, graceful clusters of pure white, sweet, wistaria-like flowers. Pkt. 5 cts., oz. 20 cts.

Dianthus, or Hardy Pinks

DAHLIAS, GRASS SEED, GERANIUMS, ETC.

Dahlias are fine for late-season bloom

Try Some Dahlias from Seed this Year

505 **DAHLIAS, FINEST DOUBLE.** ⊙ It is now well known that fine Dahlias are grown from seed sown in the spring. Seed started in the house and set out the last of May will be in bloom as soon as plants from roots, and will produce as many fine flowers. Finest double, Mixed. (See cut.) Pkt. $0 10

508 **Dahlias, Cactus, Double, Mixed Colors.** ⊙ The colors range from darkest maroon to bright scarlet, pink, snow-white, and also yellow. Seed from choicest kinds. 10

511 " **Collarette, Mixed Colors.** ⊙ Entirely distinct from other Dahlias, and very novel in appearance. 15

513 " **Colossal.** ⊙ This strain produces immense flowers 8 to 9 inches in diameter. 15

OFFER 44. 1 pkt. each of above 4 Dahlias for 45 cts.

593 **ESCHSCHOLTZIA.** California Poppy. ⊙ Brilliant orange-red and white flowers all season. oz. 30 cts. 05

630 **FERNS.** ⌓ Mixture of beautiful sorts. Sow in light, peaty soil. 05

633 **FEVERFEW, Double.** ⊙ 2↓ Handsome, large, double white flowers; excellent for bedding. 12 inches high. 05

636 **FORGET-ME-NOT, Victoria.** ⊙ Azure-blue. Nice for carpet-bedding and edging. 05

643 **FUCHSIA.** ⌓ They flower freely the first year. Whether grown from seeds or plants, these are most interesting and odd flowers. 10

Choice Geraniums from Seed

Geraniums bloom finely from seed the first season. Many persons prefer to raise them, as it is much the cheapest, and there is always a chance of getting valuable new sorts. (See cut.)

653 **Finest Mixed.** ⌓ Exquisite kinds in all colors. Pkt. $0 10

656 **Good Mixed.** ⌓ Choice varieties. 05

659 **Apple-scented.** ⌓ Leaves delightfully scented. Pkt. $0 10

See also **Pelargonium Seed,** page 45.

Beautiful Gerberas

664 **Adnet's New Hybrids.** 2↓ The blooms are like immense daisies and come in all colors, on stems 18 inches long. Gerberas rank with Cosmos as satisfactory cut-flowers. Pkt. $0 30

665 **Giant Scarlet.** 2↓ New. Flowers 5 to 6 inches across; color intense scarlet; grand for cutting. 20

668 **GLOXINIA hybrida.** ⌓ The handsome, bell-shaped flowers show a great variety of beautiful colors, many being spotted and blotched. 10

C. & J. "VELVET GREEN" LAWN GRASS SEED

Prepare the ground so as to have a fine, smooth seed-bed, put on plenty of seed and start the lawn-mower as soon as grass is tall enough to catch the machine. The seed should be lightly raked in and the ground made smooth with a roller.

PRICE: By mail, postpaid, 25 cts. per qt., 2 qts. for 45c.; in bulk, by express, $1.50 per pk. of 5 lbs., $5 per bushel of 20 lbs.

QUANTITIES TO USE

	Square ft.
1 lb. for	350
5 lbs. for	1,750
10 lbs. for	3,500
25 lbs. for	¼ acre

673 **GOURDS.** ⊙ § Climbers which produce curiously shaped fruit. Mixed varieties. oz. 40 cts. 05

683 **HELICHRYSUM.** Straw Flower. ⊙ Mixed colors. 05

686 **HELIOTROPE, Lemoine's Giant Hybrids.** ⊙ The colors range from pure white through all shades of violet and purple to dark indigo-blue. 15

687 " **Mixed.** A favorite on account of its delightful fragrance. 05

774 **JAPANESE HOP.** ⊙ § One of the most rapid, dense-growing climbers; has variegated foliage. 05

700 **HOLLYHOCK, Mammoth Alleghany.** 2↓ Entirely different from the old kinds. Mixed. 10

730 **ICE PLANT, Mesembryanthemum.** ⊙ A handsome plant for hanging-baskets, vases, rockeries, etc. 05

745 **IPOMŒA noctiphyton.** White Moonflower. ⊙ §. 10

751 " **CARDINAL CLIMBER** (*Ipomœa Quamoclit*). § Beautiful, brilliant cardinal flowers. 10 seeds 10

753 **JAPAN IRIS, Iris Kaempferi.** 2↓ Lovely orchid-like flowers. Finest mixed. (See roots offered on page 32.) 05

438 **JOB'S TEARS, Coix Lacryma-Jobi.** ⊙ An old-fashioned remedy for sore throat, etc., when the seed is strung on thread and worn around the neck. oz. 10 cts. 05

800 **KOCHIA scoparia.** Summer Bush Cypress, or "Ball of Fire." ⊙ The plants grow 2½ feet high, and look well when planted singly. ¼oz. 25c. Pkt. $0 10

1338 **KUDZU VINE, Dolichos japonicus,** or **Pueraria Thunbergiana.** Jack-and-the-Beanstalk. 2↓ § The most rapid-growing vine. (See cut, page 45.) 10

825 **LANTANA.** ⊙ Verbena-like flowers in pink, yellow, and orange. 05

835 **LAVENDER.** 2↓ Pale blue flowers, yielding, when dried, a delightful perfume. 05

828 **LATHYRUS.** Perennial Pea. 2↓ § Perfectly hardy. Mixed colors. 05

829 " **splendens.** California Perennial Pea. 2↓ § Dark crimson flowers, more showy than the other varieties. 05

838 **LEMON VERBENA.** ⌓ Leaves very fragrant. 05

845 **LOBELIA, Bedding Queen.** ⊙ Deep purple flowers with white eye. 10

855 **LYCHNIS.** Ragged Robin, or Burning Star. 2↓ Very bright scarlet flowers. 05

696 **MALLOW MARVELS.** Hardy Hibiscus. 2↓ Grow about 4 feet high and bear enormous flowers. Mixed. 05

900 **MARIGOLD, Eldorado.** ⊙ Grows large and bushy. 05

901 " **French Double Dwarf.** ⊙ Grows compact. 05

902 " **Dwarf Legion of Honor.** ⊙ Flowers golden yellow, marked crimson-brown. Makes a beautiful bed of yellow. oz. 25 cts. 05

1000 **MIGNONETTE, Rosemawr.** ⊙ Finest, large-flowering. Mixed. Very sweet-scented. ½oz. 25 cts. 05

1002 " **The Machet.** ⊙ Deliciously scented. ½oz. 20 cts. 05

1004 " **Common Sweet.** ⊙ (See cut, page 45.) oz. 10 cts. 05

MOONFLOWER. See **Ipomœa noctiphyton.**

1025 **MORNING-GLORIES, Japanese Imperial.** ⊙ § These grow rapidly, have large leaves, and make quick shade. oz. 10c., ¼lb. 35c. 05

1026 " **Japanese Fringed.** ⊙ §. oz. 12c., ¼lb. 40c. 05

1027 " **Double-flowering Japan.** ⊙ § Variety of colors. 10

Geraniums are easy to grow from seed (see above)

NASTURTIUMS, PELARGONIUMS, PETUNIAS, ETC.

Nasturtiums for constant bloom

Kudzu Vine (see page 44)

Marigolds (see page 44)

Mignonette (see page 44)

Nasturtiums. 7 Climbing Varieties ⊙ §

An ounce of seed will produce thousands of blooms in a season.

		Pkt.
1083	**Ivy-Leaved.** Leaves look like English Ivy. Flowers very bright.....oz. 20 cts., ¼lb. 60 cts., lb. $1..$0	10
1087	**Variegated Queen.** Flowers scarlet.....oz. 20 cts...	10
1085	**Mme. Gunther's Hybrids.** The most popular climbing variety. Colors beautiful....oz. 10 cts.. ¼lb. 40 cts...	05
1080	**Caprice.** Bears flowers of different shades on the same plant.....oz. 15 cts., ¼lb. 50 cts...	05
1084	**Jupiter.** Golden yellow flowers. oz. 15 cts., ¼lb. 50 cts...	05
1081	**Chameleon.** Many-colored flowers. oz. 15c., ¼lb. 50c...	05
1086	**C. & J. Grand Sweet-scented.** Flowers of golden yellow, dark red and black.....oz. 10 cts., ¼lb. 25 cts...	05

OFFER 45. 1 pkt. each of the last 5 varieties for 20 cts., or 1 oz. of each of the last 5 kinds for 50 cts., postpaid.

4 Tom Thumb, Dwarf or Bedding Nasturtiums ⊙

1051	**Golden Midnight.** Maroon; foliage yellow..oz. 20 cts...	05
1052	**Queens of Tom Thumb.** Foliage green and white; flowers red to primrose.....½oz. 15 cts., oz. 25 cts....	10
1053	**C. & J. Large-flowering California Mixture.** Beautiful colors.....oz. 10 cts., ¼lb. 30 cts., lb. $1..	05
1054	**Dwarf French Chameleon.** Very large flowers of many shades.....oz. 10 cts., ¼lb. 30 cts., lb. $1..	05

OFFER 45a. 1 pkt. each of above Tom Thumb Nasturtiums 20c., or 1 oz. of each for 60 cts., postpaid.

		Pkt.
1090	**NICOTIANA affinis.** ⊙ Splendid, pure white, Bouvardia-like flowers; *intensely fragrant*.....$0	05
1120	**ŒNOTHERA.** Evening Primrose. ⊙ Brightly colored single flowers which open in the evening.....	05
1633	**PALM, Washington Weeping.** ⌓ The seeds germinate quickly and grow very easily.....6 seeds	10
1238	**PASSION FLOWER.** Three colors mixed.....	10
661	**PELARGONIUM.** Lady Washington Geranium. ⌙ The finest of the Geranium family.....	25
1240	**PENTSTEMON, Large-flowering, Mixed.** 2¼ The blooms resemble Gloxinias. Mixed colors.....	10

Petunias, Double Flowers See cut, page 46

1245	**Peony-flowered.** ⊙ Careful tests have shown that 75 per cent of the blooms come double.....	25
1246	**Double Fancy, Fringed.** ⊙.....	25
1250	**Best Double.** ⊙ Magnificent colors.....	10

Petunias, Single Flowers *Note Rosy Morn*

1244	**Giants of California.** ⊙ Wonderful combinations of colors, embracing every conceivable shade.....	10
1252	**Rosy Morn.** ⊙ A most glorious flower for a solid bed or border of rosy pink. *It blooms unceasingly*.....	10
1249	**Blotched and Striped.** ⊙.....⅛oz. 20 cts...	05
1251	**Hybrida.** ⊙ Finest mixed colors.....¼oz. 25 cts...	05

Choice Selected Pansies

Sow early in spring for summer and fall bloom

American Mastodon Pansies

6 Colors ⊙⊙

Mastodon Pansies represent twenty-two years of exclusive cultivation, and all are of excellent form, richest colors and great size.

1184 **Mastodon Bronze.** Pkt. 10 cts.
1185 **Mastodon Yellow.** Pkt. 10 cts.
1186 **Mastodon Black.** Pkt. 10 cts.
1187 **Mastodon Mme. Steele.** Purple throughout; rich. Pkt. 10 cts.
1188 **Prince Henry.** Rich, dark blue; very large. Pkt. 10 cts.
1189 **Grand Duke Michel.** This is the largest white Pansy in existence. Pkt. 10 cts.

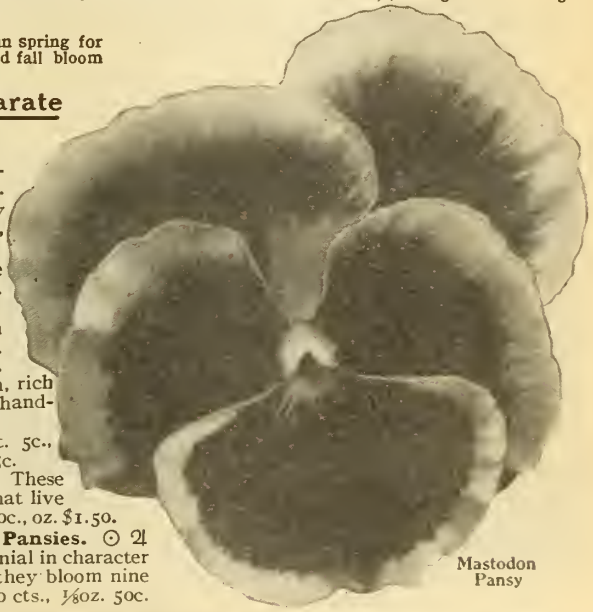
OFFER 45b. The above 6 pkts. for 50c.

American Mastodon Pansies Mixed

These are of the same strain of Pansy seed, and from the same grower, that won such distinction at the Panama-Pacific International Exposition at San Francisco. No one who saw them can easily forget them. Pkt. 10 cts.

Grand Pansies in Separate Mixtures ⊙ ⊙

1192 **Parisian Yellow.** Rich, golden yellow beauties. Pkt. 10c.
1159 **Liberty Pansies.** Wonderfully bright colors. Pkt. 10 cts., ⅛oz. 40 cts.
1160 **Royal Prize Pansies.** The best English and French. Pkt. 10 cts., ⅛oz. 40 cts.
1156 **Mme. Perrett.** A superb strain of giant Pansies. Pkt. 10c.
1165 **Conard's Sunshine Pansies.** The flowers are of fine form, rich velvety texture and bright, handsome colors. Pkt. 5 cts.
1183 **Good Quality Mixed.** Pkt. 5c., ⅛oz. 15c., ½oz. 45c., oz. 85c.
1163 **Sweet-scented Pansies.** These make deep rooted clumps that live over winter. Pkt. 5c., ¼oz. 50c., oz. $1.50.
1164 **Violas, Tufted** or **Bedding Pansies.** ⊙ 2¼ These Violas are more perennial in character than ordinary Pansies and they bloom nine months in the year. Pkt. 10 cts., ⅛oz. 50c.



Mastodon Pansy

PHLOX, POPPIES, PORTULACAS, SALVIAS, ETC.

Double Petunia (see page 45)

Phlox Drummondii

Portulaca, or Rose Moss

Double Carnation Poppies

Phlox Drummondii grandiflora ⊙

For bedding and making ribbon lines of color, no other flower can approach these magnificent Phlox in brilliant effect.

		Pkt.
1275	**Superb Mixed.** Including all colors. (See cut.)	$0 10
1276	**Starred and Fringed**	10
1278	**HARDY PERENNIAL PHLOX** (*Phlox decussata*). 2ł Mixture of finest sorts. (See cut page 33.)	10

The Finest Poppies—5 varieties

1290	**Double Carnation Mixed.** ⊙ Unequaled for brilliancy and gorgeous variety of colors. (See cut.) oz. 20 cts.	05
1293	**New Giant California, Irresistible.** ⊙ Immense, double round flowers; most exquisite, melting rose-pink.	05
1297	**Shirley.** ⊙ All shades of rose, pink, crimson and pure white. The flowers have a delicate, silky appearance.	10
1292	**New Iceland.** 2ł Entirely hardy. Mixed colors	10
1296	**Oriental.** 2ł Immense flowers. *Intense scarlet.* Hardy.	10

OFFER 46. 1 pkt. each of above Poppies, 35 cts.

1280	**PLATYCODON, Tuberous-rooted Clematis.** 2ł Flowers violet-blue	10

Portulaca ⊙ Sun Plant, or Rose Moss (see cut)

1326	**Finest Single, Mixed.** ⊙ ½oz. 25 cts., oz. 40 cts.	05
1325	**Double Rose-flowered, Mixed.** ⊙ Double Portulaca should be planted wherever you want to *cover the ground between other plants* ⅛oz. 50 cts.	10
1330	**PRIMULA sinensis fimbriata.** Fringed Chinese Primrose. ⊃ A most satisfactory house-plant. Mixed colors.	10
1331	" **obconica grandiflora. Everblooming.** ⌓ Mixed	05
1341	**RICINUS communis zanzibarensis** (Giant Castor-oil Bean). Grows 6 to 8 feet high. (See cut.) oz. 15c.	$0 05
1346	**DWARF MULTIFLORA ROSES.** ⊃ They bloom quickly, in large clusters, and are delightfully fragrant.	05
1345	**AMERICAN PILLAR ROSE SEED.** 2ł § Large, single flowers of rich, rosy pink approaching brilliant carmine.	15

Brilliant Salvias (Scarlet Sage)

1405	**Splendens, Drooping Spikes.** ⊙ The flowers are intense, dazzling scarlet. (See cut.) ⅛oz. 40 cts.	10
1406	**Splendens, Erect Spikes.** Large-flowering Scarlet Sage. ⊙ ¼oz. 50 cts.	10
1407	**Blue** (*Salvia farinacea*). ⊙ Forms long spikes of beautiful blue flowers. Does not bloom as freely as the red Salvia.	10
1412	**SCARLET RUNNER BEAN.** ⊙ § Bright scarlet, pea-shaped flowers; grows 10 to 12 feet high	05
1415	**SCHIZANTHUS.** Christmas Orchid Flower. ⊙ Large, curiously shaped flowers beautifully variegated	05
1425	**SMILAX.** ⊃ § One of the most desirable window vines.	05
1435	**STOCKS, Giant Perfection.** ⊙ Colors, white, pink, mauve, red, purple, blush, etc. Mixed colors	10
1437	" **White Perpetual, Princess Alice,** or "Cut-and-come-again." ⊙ The finest white	10
1445	**STOKESIA cyanea.** Cornflower Aster. 2ł Bears large lavender-blue, cornflower-like asters from July to frost.	10
1456	**RED SUNFLOWER.** ⊙ The plants vary in height, from 5 to 8 feet. Colors run from chestnut-red to red and yellow, some flowers coming all yellow	10
1410	**SWEET SCABIOSA.** Mourning Bride. ⊙ Mixed	05
1601	**SWEET WILLIAM, Dianthus barbatus.** 2ł Flowers in clusters; very sweet. Mixed oz. 40 cts.	05

Primula obconica, Everblooming

Ricinus (Castor-Oil Bean)

Salvia, or Scarlet Sage

Double Zinnias

SWEET PEAS, VIOLETS, VERBENAS, ZINNIAS, ETC.

Five Novelty Spencer Sweet Peas

1577 **THE PRESIDENT.** A wonderfully brilliant, glowing scarlet. Said to be the brightest color we have in Sweet Peas. Pkt. of 10 seeds, 25 cts.

1572 **FIERY CROSS.** This flower has the appearance of live fire, the color being a scorching fire-red, which scintillates in bright sunlight. Pkt. of 10 seeds, 25 cts.

1567 **MARGARET ATLEE.** Color is rosy salmon-pink on a creamy buff ground, soft, rich and attractive; the standard is wavy and double. Pkt. of 40 seeds, 15 cts.

1501 **WEDGWOOD.** The best **Blue Spencer.** Color is beautiful pale blue. The size is larger and the form superior to other blues. Pkt. of 30 seeds, 15 cts.

1502 **KING WHITE.** Superior to all other whites. Pkt. of 40 seeds, 15 cts.

OFFER 47. One pkt. each of the above 5 Novelty Sweet Peas for 75 cts.

12 Choice Spencers

Price for all below, 15 cts. per pkt., 30 cts. per oz., $1 per ¼lb., postpaid. About 60 seeds in each package

1509 **Asta Ohn.** Soft lavender.
1512 **Countess Spencer.** The original Spencer. Lovely pale pink.
1575 **Early Snowstorm.** Snow-white.
1507 **Irish Belle,** or **Dream.** Lilac, flushed with pink.
1516 **King Edward.** Crimson-scarlet.
1518 **Mrs. Hugh Dickson.** Rich pinkish apricot on cream ground.
1520 **Othello Spencer.** Deep maroon.
1571 **Primrose Spencer.** Primrose.
1576 **Royal Purple.** Rosy purple color.
1505 **Vermilion Brilliant.** A most brilliant, iridescent scarlet.
1522 **White Spencer.** Enormous pure snow-white flowers.
1573 **Yarrawa.** Color is bright rose-pink, with a clear creamy base.

OFFER 47a. Any 7 pkts. of the above choice Spencers for $1, or the set of 12 for $1.50

Best Up-to-date Sweet Peas

Price, pkt. 5c., any 6 pkts. for 25c., 10 pkts. for 40c., oz. 20c.; in larger quantities, ¼lb. 50c., 1 lb. $1.50, ppd.

1534 **America.** Crimson on white.
1556 **Black Knight.** Maroon.
1525 **Dorothy Eckford.** Pure white.
1551 **Extra-Early Blanche Ferry.** Rose-color with cream-white wings.
1530 **Gladys Unwin.** Light pink.
1532 **Janet Scott.** Pink.
1547 **Helen Lewis** (Orange Countess). Rich crimson-orange.
1539 **Lord Nelson.** Navy-blue.
1562 **Mrs. C. H. Totty.** Lavender.
1545 **Queen Alexandra.** Scarlet.

OFFER 47b. C. & J. RAINBOW COLLECTION. 1 pkt. each of above 10 Grandiflora Sweet Peas, ten colors, 45 cts. postpaid

Sweet Peas Mixed (3 grades)

		Price, Postpaid			
		Pkt.	Oz.	¼lb.	Lb.
1564	**C. & J. BEST UP-TO-DATE MIXED.** A mixture of the newest and most beautiful novelties, including seedlings of the newest shades	$0 05	$0 15	$0 30	$1 00
1565	**C. & J. EXCELSIOR MIXED.** Bright, distinct colors	05	15	40	1 25
1523	**C. & J. EXTRA-SELFCTED MIXED SPENCER SWEET PEAS**	10	25	75	2 50

SWEET PEAS. THE MORE FLOWERS YOU CUT THE LONGER THE VINES WILL BLOOM. THIS IS A SPENCER TYPE

1615 **VINCA.** ⊙ § Splendid house and bedding plants, 18 inches high, with glossy green leaves and pretty white and colored flowers. Fine mixed..$0 05

1618 **VIOLET.** ♃ Everyone loves sweet Violets for their charming color and delicious fragrance.... 05

1630 **WALLFLOWER, Extra-Early Parisian.** ♃ Magnificent golden yellow, single flowers; delightfully fragrant.... 10

1640 **YUCCA.** ♃ Adam's Needle, or Spanish Bayonet. Bears enormous clusters of creamy white, bell-shaped flowers. (See cut, page 30.).... 05

Lovely Verbenas for Bedding See cut

1605 **CONARD'S NEW PRIZE.** ⊙ The plants are enormous bloomers, producing great sheets of flowers during the whole season; the flowers are of the largest size, most perfect form, and brightest and richest colors; they are delightfully sweet-scented.... ¼oz. 40c...$0 05

1606 **Pure White** (Sea Foam or Candidissima). A particularly fine strain of exquisite, large-flowering, pure white Verbenas.... 10

1607 **Scarlet Defiance.** Brilliant scarlet flowers borne in splendid clusters; showy when planted in solid beds or borders... 10

1609 **New Moss.** ⊙ Grows very quickly from seed and soon covers the ground with a thick mat of fine, mosslike foliage and a grand profusion of lovely, rosy purple, verbena-like flowers... 10

OFFER 47c. 1 pkt. each of the four Verbenas offered for 30 cts., postpaid

Conard's New Prize Verbenas. The finest strain now known

Everblooming Zinnias (Youth and Old Age) See cut, page 46

1650 **Haageana Perfection.** ⊙ A distinct novelty. Great bloomer; grows only 10 inches high; finest, brightest colors. Fine for bordering beds.... Pkt. 15

1651 **New Giant Mammoth.** These belong to a grand new class of Zinnias, growing about 3 feet high, branching freely and bearing an immense profusion of large, double flowers of the richest and most handsome colors during the whole season. Fine mixed colors, bright and handsome.... 10

1653 **New Curled and Crested.** Has large, curled and crested petals, which impart a softness and beauty to the flowers that is very attractive.... 10

1654 **Dwarf Fire-Ball.** Makes beautiful, dwarf, bushy plants, only 6 to 8 inches high, covered with large, double flowers of bright crimson.... 10

1655 **Dwarf Snowball.** Exactly similar to the above except that the flowers are pure snow-white.... 10

SUMMER-FLOWERING BULBS

Gladiolus Primulinus Hybrids

The Finest Gladioli

5 Superior Gladioli

Pink Perfection. Color is soft apple-blossom-pink, with chamois suffusion. A greatly admired novelty. 25 cts. each.
Mrs. Frank Pendleton, Jr. Immense flowers, salmon-pink with blood-red blotch in throat. 25 cts. each.
Panama. A seedling of "America," with the same splendid form. Color is deep, rich pink. 20 cts. each.
Schwaben. Delicate pale yellow, with dark blotch in the center. 25 cts. each.
Lily Lehman. Large flower, beautiful ivory-white, faintly tinged rose, without markings. 20 cts. each.

OFFER 48. The above 5 Superior Gladioli for $1, postpaid.

Gladiolus Primulinus Hybrids

These blooms have the clearest tones and tints to be found in lemon, primrose, orange, russet-brown, bright rose, apricot, and some crimsons. (See cut.)

Mixture of Choice Light Shades. 10 cts. each, 80 cts. per doz., $6 per 100, postpaid, or $5 per 100 □.

Lemoine's Butterfly Gladioli

These bulbs are entirely hardy and they bloom about two weeks earlier than other kinds. The flowers are rich in coloring and rival the finest orchids. 3 for 10 cts., 30 cts. per doz., $2 per 100, postpaid.

~~OFFER~~ 48b 12 Large-Flowering Mixed Gladioli, 12 Lemoine's Butterfly Gladioli, 24 in all, for 50 cts., postpaid. 25 each of above, 50 in all, for $1, postpaid.

10 Selected Gladioli

AMERICA. Soft lavender-pink. 15 cts.
PEACE. White, with a delicate lilac feathering. 15 cts. each.
KUNDERDI "GLORY." The New Ruffled Gladiolus. An entirely new form; petals exquisitely ruffled and fluted. Delicate cream-pink, with crimson stripe in center of lower petals. 15c.
Baron Hulot. Dark blue, slightly marked with lighter blue. 10 cts. each.
Halley. Salmon-pink, with red stripe. 10 cts. each.
Klondyke. Yellow, blotched crimson. 10 cts. each.
Mrs. Francis King. Light scarlet. 10 cts.
Niagara. Cream, yellow and carmine. 15c.
Princeps. Brilliant scarlet-crimson, with three broad white blotches on the lower petals. 10 cts. each.
Empress of India. Rich dark maroon, almost black. The darkest colored Gladiolus we know. 10 cts. each.

OFFER 48a. The set of 10 Selected Gladioli for $1, postpaid.

C. & J. Large-Flowering Gladioli in Separate Colors

ALL POSTPAID	2 for	Doz.	100
Reds and Scarlets	$0 10	$0 40	$2 00
White and Light	10	40	2 00
Pink Shades	10	40	2 00
Yellow Shades	15	80	5 00
Striped Shades	10	40	2 00

C. & J. Large-Flowering Mixed

An exceptionally choice mixture, with all colors included. 3 for 10 cts., 30 cts. per doz., $1.75 per 100, postpaid.

Sweet-Scented Tuberoses

Tuberoses are among the sweetest and most beautiful flowers in existence. Plant where they are to remain after the ground gets warm and weather settled.

Double Excelsior Pearl. Grows 18 inches high, blooms early and bears immense spikes of large, pure white, perfectly double flowers; deliciously sweet. 5 for 25 cts., 50 cts. per doz., $3.50 per 100, postpaid.
Silver-leaved. Leaves bordered cream-white. Flowers large, single and very sweet. Blooms early. 3 for 25 cts., 75 cts. per doz., $5 per 100, postpaid.
Orange-flowered. Single flowers resembling orange blossoms. Very fragrant. 3 for 25 cts., 75 cts. per doz., $5 per 100, postpaid.
Early-branching Albino. Blooms early; flowers are large, single, and well expanded; pure, waxy white and delightfully fragrant. 3 for 25c., 75c. per doz., $5 per 100, ppd.

OFFER 48c. 1 bulb each of the above 4 Tuberóses for 25 cts., postpaid.

THREE EXCELLENT SETS OF TUBEROSES

SET NO. 1. 2 Excelsior Pearl, 2 Orange-flow'd, 2 Silver-leaved, 2 Albino, 8 in all for 45c., ppd.
SET NO. 2. 7 Excelsior Pearl, 2 Orange-flow'd, 2 Silver-leaved, 2 Albino, 13 in all for 75c., ppd.
SET NO 3. 10 Excelsior Pearl, 5 Orange-flow'd, 2 Silver-leaved, 3 Albino, 20 in all for $1.10, ppd.

Calla Lilies (Richardia)

Godefreyana. Grows 18 inches. Free bloomer. *Growing plants only.* 35 cts. each.
Elliottiana. Golden-yellow. 30 cts. each.
White Calla. Lily-of-the-Nile. The old standby. 25 cts. each.
Spotted Calla. White flowers; leaves spotted white. 15 cts. each.

Caladium Esculentum (Elephant's Ear)

Immense heart-shaped leaves, sometimes 3 ft. long by 2 ft. wide. 1st size, 25 cts. each; 2nd size, 40 cts. each, postpaid.

Giant-Flowering Caladium

Produces pure white flowers. Requires plenty of water and hot sunshine. 25 cts. each, postpaid; large started plants, 50 cts. each □.

Giant-Flowered Amaryllis

Hybrids of Vittata. Impressive giant flowers, beautifully striped, flaked and feathered, unique in their colorings and almost twice the size of an ordinary Amaryllis. 50 and 75 cts. each.
Johnsonii. Large, beautiful, lily-like flowers. Color is blazing red, tastefully striped with white. 35 cts. each.

Summer-Flowering Oxalis for Edging

When planted 3 inches apart they make an unbroken row of foliage and flowers.
Purpurea. Finely cut foliage and rosy purple flowers.
Deppei. Clover-like foliage; fine white flowers.
Lasiandra. Finely cut foliage and rosy pink flowers.

Prices: 12 for 20c., $1 per 100; mixed bulbs, 12 for 15c., or 75c. per 100, postpaid

Summer-Flowering Hyacinths

(Hyacinthus candicans)

Grows 3 to 4 feet high and bears from twenty to thirty large, bell-shaped, pure white, fragrant flowers. Entirely hardy. 10 cts. each, 3 for 25 cts., 75 cts. per doz., postpaid.

Chlidanthus fragrans

Bright yellow flowers resembling an Amaryllis; deliciously sweet. 10c. ea., ppd.

Zephyranthes rosea *(Fairy Lilies)*

Color clear rose-pink. Very free in bloom. 12 cts. each, $1 per doz., postpaid.

Germination Table, with Index to Flower Seeds

It is important to know the approximate time required by seeds for germination in order to sow them with satisfaction and success. Many seeds are condemned and neglected before they have had sufficient time to start. Always divide the packages and sow at different times. You can then give them a second or third trial. Sow seeds that start about the same time together. Keep the seed-box or bed *moist, but not wet*, and do not let the soil dry out until the seeds have had ample time to germinate. Seeds are influenced by conditions, and *the plants may appear 25 per cent earlier* or 25 *per cent later* than the table indicates, according to circumstances. Following is the page reference and the key to germination: a, 5 days, b, 8 days, etc. The star (*) added means that the seeds may take much longer time than stated, some lying dormant for weeks or months before starting.

5 days	8 days	10 days	15 days	20 days	25 days	30 days	50 days	Indefinite
a	b	c	d	e	f	g	z	*

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Aquilegia	d	42
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Burning Star	e	44
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For the convenience of our customers, we have employed these signs to indicate the class to which belong the varieties opposite which they each appear on seed pages.

⊙ **ANNUALS.** These grow, flower and die the first year from seed.

⊙ **BIENNIALS.** These grow from seed one year, bloom and die the next; if sown early, some varieties bloom the first year.

⌐ **GREENHOUSE PLANTS.** Start seeds inside, transplant outside when all danger of frost is over.

2 **PERENNIALS.** Continue for several years, and bloom annually after the first season; some varieties, if sown early, bloom the first year.

⌂ **STOVE PLANTS.** Grow inside all year. For pots only.

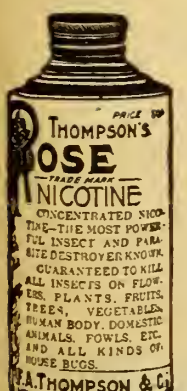
§ **CLIMBING PLANTS.** Climbers.

FLOWERS FROM SEEDS. Any ordinary soil will grow beautiful flowers if you make it fine and mellow, and plant about the time the fruit trees are coming into bloom. Very fine seeds should be merely pressed in with the hand, therefore do not cover too deeply and do not plant when ground is wet and soggy.

Do not allow plants to stand too thickly; transplant if necessary. If crowded, they cannot grow or bloom satisfactorily.

TRANSPLANTING. Nearly all flowers are improved by transplanting except sweet peas, poppies, nasturtiums, etc., which are usually sown where they are to grow. By starting tender seeds in window-boxes, hotbeds or coldframes, and transplanting at proper time when ready, you escape danger from frost.

Insecticides, Plant Food, Garden Requisites



THOMPSON'S ROSE NICOTINE

Is chemically pure nicotine, and quick death to insects on roses, plants, pets, or wherever found. No trouble, no odor, no staining, no harm. Especially effective for insects on roses. Price, small can, 40 cts.; larger size, 75 cts., postpaid.

BORDEAUX MIXTURE, DRY

This preparation can be supplied in 1-lb. and 5-lb. boxes. A 1-lb. box makes 5 gallons of liquid. 1 lb. 50 cts.; west of Mississippi River, 75 cts., per lb., postpaid.

SULPHO-TOBACCO SOAP

Will rid plants and animals of all kinds of injurious insects, cheaply and effectively. Directions for use on every package. 3-oz. cake, makes 1½ gallons prepared solution, 10 cts. each; 8-oz. cake, makes 4 gallons prepared solution, 25 cts. each, postpaid.

ANT DESTROYER

Rid your lawns and tennis-courts of ants. Usually only three applications are necessary. Price, 30 cts. per ¼lb., $1 per lb., postpaid; or by express, collect, in 5-lb. cans, 75 cts. per lb.

BEST PLANT-FOOD WE KNOW "BON ARBOR"

Results from only one or two applications are beyond description. It will make plants bloom. 7-oz. pkg., making 15 gals., 50 cts., postpaid. 1-lb., pkg., making 30 gals., 75 cts., postpaid, east of the Mississippi River.

C. & J. RUBBER PLANT SPRAYER

Useful also for sprinkling clothes before ironing. $1, postpaid.

UNBREAKABLE GARDEN TROWEL

Made entirely of steel—handle and all. Price, 25 cts., postpaid.

IMPERISHABLE LABELS

Made of thin sheet-copper, and the names can be written on by anyone. Price, 50 cts. per doz.; box of 100, $3, postpaid.

PRUNING SHEARS

Best workmanship; first class in every way. Price, $2 each, postpaid

HEDGE SHEARS

Long handles and 9-inch blades. $2.50 each □.

Complete Index to Plants, Bulbs, Shrubs, Fruits

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"HOW TO GROW ROSES" $1
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Helpful Books on Gardening

BOOK ON ROSES
See page 7

A Woman's Hardy Garden. By Mrs. H. R. Ely. $1.85, postpaid.
The Chrysanthemum. By Arthur Herrington. 50 cts., postpaid.
Practical Landscape Gardening. By Robert B. Cridland, Landscape Architect. 276 pages, cloth bound. $1.65, postpaid.
Practical Floriculture. By Peter Henderson. $1.50, postpaid.
How to Grow Roses. A most practical book. $1, postpaid.
Violet-Culture. Very helpful. $1.50, postpaid.
The Garden Guide. Fine for amateurs. $1, postpaid.

WHICH DO YOU PREFER? $6.50 or

TWELVE RADIANT ROSES

SEE OPPOSITE PAGE

PLANT NOW—WAITING A SEASON MEANS LOSING A SEASON

NOTE—The Roses shown on color plate are about two-thirds natural size. See also Roses on inside front cover

1 **Hugo Roller.** A tea-scented "pictorial" Rose; color lemon-yellow, dashed crimson. A free bloomer. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

2 **Madison.** Cream-white, sometimes tinted pink; similar to Bride but larger. It grows on long stems and is fine for cutting. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

3 **★Mme. E. Marlitt.** About the most vigorous-growing, fragrant, abundant-blooming Rose we know. Color is rich carmine-red. It makes strong, upright canes and flowers continuously. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

4 **Mlle. Helena Gambier.** Canary-yellow with center shading to peach-pink. A good Rose and much admired on account of its fine form and delicate coloring. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

5 **★Radiance.** Rosy carmine and soft pink. Makes a magnificent large bloom on strong stems. A splendid variety for cutting. 1-yr., 35 cts., ppd.; 2-yr., 65 cts.; Star size, $1 □.

6 **★Gruss an Teplitz.** Dark rich crimson, passing to velvety, fiery red. The color is very rich and you will find this one of the most satisfactory, everblooming red Roses you can get. It is delightfully fragrant. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

7 **Wellesley.** Rose-pink and silvery rose. Very full and a Rose that will bloom continuously if kept well nourished and given a good, well-drained location. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

8 **★Gen. MacArthur.** Brilliant glowing crimson-scarlet. A splendid garden Rose and exquisitely sweet. 1-yr., 35 cts., ppd.; 2-yr., 65 cts.; Star size, $1 □.

9 **Ecarlate.** Medium-sized blooms of *an intense brilliant scarlet.* Flowers early and continuously. The buds are beautiful and the open flowers have an exquisite center of golden anthers. 1-yr., 30 cts., postpaid; 2-yr., 60 cts. □.

10 **★White Maman Cochet.** Snow-white, with outside petals tipped pink, especially in the autumn. This beautiful Rose blooms continuously and will produce large blooms if well cultivated and nourished. 1-yr., 30 cts., postpaid; 2-yr., 60 cts.; Star size, 90 cts. □.

11 **★Mrs. B. R. Cant.** Large, perfectly double flowers, bright rose-red and elegantly shaded. A very vigorous grower with blooms on all season. 1-yr., 35 cts., postpaid; 2-yr., 65 cts.; Star size, $1 □.

12 **Souv. de Pierre Notting.** Rich orange-yellow that is often tinted with carmine-rose. 1-yr., 35 cts., postpaid; 2-yr., 65 cts. □.

OFFER 50 These 12 Everblooming Radiant Roses, a perfect dozen, 1-yr. size, $3.50 postpaid. The 12 in 2-yr. size, $6.50. EVEN THOUGH THE WAR *IS* OVER, THESE ROSES MAY NOT BE OBTAINABLE NEXT YEAR. ORDER NOW.

J. Horace McFarland Company, Horticultural Printers, Harrisburg, Pa.

1. Hugo Roller
2. Madison
3. Mme. E. Marlitt
4. Mlle. H. Gambier
5. Radiance
6. Gruss an Teplitz
7. Wellesley
8. Gen. MacArthur
9. Ecarlate
10. White Maman Cochet
11. Mrs. B. R. Cant
12. Souv. de Pierre Notting

See descriptions and prices foot of opposite page

THREE OF OUR GOLD MEDAL CANNAS

See page 27

Originated by THE CONARD & JONES CO. WEST GROVE PENNA.

Price: The 3 for $1, postpaid